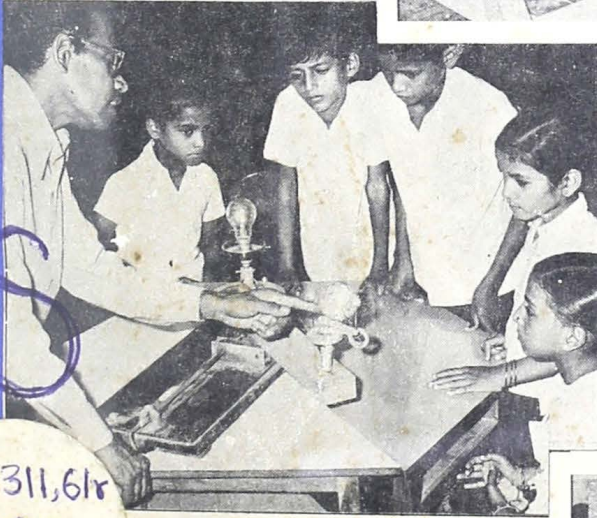




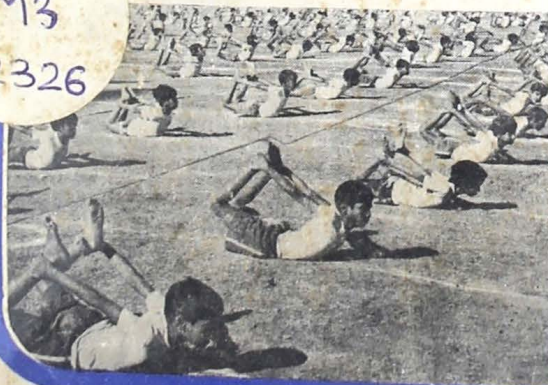
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Administration Report of the Municipal Commissioner for Greater Bombay 1982—83

City, Suburbs and Extended Suburbs



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**Administration Report of
the Municipal Commissioner
for Greater Bombay
1982-83**

City, Suburbs and Extended Suburbs

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**ADMINISTRATION REPORT OF
MUNICIPAL CORPORATION OF GREATER BOMBAY
FOR THE YEAR 1982-83**

Pursuant to Section 124 of Bombay Municipal Corporation Act, I am presenting herewith the Administration Report for the year 1982-83.

The year under review was financially a critical one. The depleting resources posed a grave challenge to the implementation/completion of developmental projects as also to the maintenance of standard of civic amenities. Strict economy measures were launched to cut down unproductive expenditure and to complete essential projects as well as to maintain the services at a reasonably satisfactory level.

D. M. SUKTHANKAR,
Municipal Commissioner.

GENERAL

CORPORATION, STANDING COMMITTEE, IMPROVEMENTS COMMITTEE, EDUCATION COMMITTEE AND THE TREE AUTHORITY.

CORPORATION

Dr. Prabhakar S. Pai, who was elected Mayor at the First Meeting of the Corporation, held on 5th April 1982, held that Office throughout the year.

2. One hundred and forty Meetings of the Corporation, including twelve Special Meetings and adjourned Special Meetings, one hundred and seven Meetings of the Special Committees and seven Meetings of the Consultative Committees were held during the year.

3. The total number of Councillors was reduced from 140 to 138 as Shri S. S. Patel ceased to be a Municipal Councillor with effect from 20th March 1982 due to expiry of maximum leave of absence permissible under provisions of Section 17(d) of the B.M.C. Act. and Shri B.R. Gawde, expired on 9th April 1982.

4. The Corporation accorded (1) Civic Reception to The Lord Mayor of London, (2) Civic Reception and presented Civic Address to Gyani Zail Singh, President of India. (3) Civic Reception to Shri J. R. D. Tata, the father of Civic Aviation in India, and (4) Dr. Mato Mikic, the President of Assembly of Zagreb.

STANDING COMMITTEE :

Shri E. R. Koparde, who was elected Chairman of the Standing Committee at their Meeting, held on 10th April 1982 held that Office throughout the year.

One hundred and ninety-eight Meetings, including regular and Adjourned Meetings and Special Meetings and Adjourned Special Meetings, were held during the year. No Meeting of the Sub-Committee was held during the year.

IMPROVEMENTS COMMITTEE :

Smt. Indumati T. Patel, who was elected Chairman of the Improvements Committee at their Meeting, held on 13th April 1982, held that office throughout the year.

Shri D. D. Jani, was elected member of the Committee on 18th January 1983 vice Shri N. K. Baria, resigned.

Fifty-four Meetings including regular, and Adjourned Special Meetings were held during the year. No Meeting of the Sub-Committee was held during the year.

EDUCATION COMMITTEE :

Shri S. B. Chavan who was elected Chairman of the Education Committee at their Meeting held on 7th April 1982, held that Office throughout the year.

Shri V. M. Chadda, was elected member of the Committee on 3rd May 1982, vice Dr. P.S. Pai resigned.

Forty-six Meetings including regular and Adjourned Meetings and Special Meetings and Adjourned Special Meetings were held during the year. No Meeting of the Sub-Committee was held during the year.

TREE AUTHORITY :

No change took place in the composition of the Tree Authority during the year.

Four Meetings of the Tree Authority were held during the year.

Shri K. N. Kolhatkar continued to hold the post of Municipal Secretary during the year under Report.

No circumstances arose in this department in which it was necessary to invoke the provisions of the Municipal Servants Act, 1890.

There was no separate Award of Adjudication during the year 1982-83 so far as this department is concerned.

LIST OF MEMBERS WHO HELD OFFICE AS ON 31ST MARCH 1983.
CORPORATION

DR. P. S. PAI, *Mayor.*

SHRI E. R. KOPARDE, B.A., *Chairman, Standing Committee.*

SMT. INDUMATI T. PATIL, B.A., *Chairman, Improvements Committee.*

SHRI S. B. CHAVAN, *Chairman, Education Committee.*

SHRI B. H. AMIN, *Chairman, B. E. S. & T. Committee.*

ACHARYA, SHRI S.N.
ANKLESWARIA, SHRI R. C., B.SC., B.T., S.T.C., M.ED.
AMBRE, SHRI S.S.
OOMMACHEN, SHRI C.D.
KADAM, SHRI P.R.
KADAM, SHRI R.T.
KAVTHE, SHRI M.N.
KAZI, PROF. A.A., M.A., LL.B.
KANDALGAONKAR, SHRI M.K.
QURESHI, SHRI G.G.
KULKARNI, SMT. SHALINI P.
KOLI, SHRI Y.P.
CONTRACTOR, SHRI A.S.
KHADYE, SHRI V.P.
KHAN, SHRI F.A., M.A., LL.B.
KHAN, DR. H.R., B.T.M.B.
KHANDWANI, SHRI M.A.
GAJMAL, SHRI G.D.
GAIKWAD, SHRI V.B.
GOYAL, SMT. CHANDRAKANTA V.
GAMBHIR, SHRI S.A.
GANDHI, SHRI V.R.
CHATURVEDI, SHRI M.M.
CHAVAN, SHRI M.G.
CHAVAN, SHRI R.N.
CHAVAN, SHRI S.S.
CHAPHEKAR, SHRI A.M.
CHARNIA, SHRI J.V.
CHIMBULKAR, SHRI R.K.
CHOPRA, SHRI B.M.
CHADDA, SHRI V.M.
CHHABRIYA, SHRI K.P.
JADHAV, SHRI B.K.
JADHAV, SHRI L.M.
JANI, SHRI D.D., B.A., LL.B.
JEELANI, SHRI K.G.
ZARAPKAR, SHRI D.G.
ZUTE, SHRI B.D.
THAKARE, SHRI G.S., B.COM.
THANEKAR, SHRI K.B.
D'CRUZ, SHRI C.R.
D'MELLOW, SHRI V.C.
TANNA, SHRI J.M.
TARIQ, SHRI S.A.
DALAL, SHRI B.C.
DALVI, SHRI V.S.
DAHOLKAR, SHRI A. K., B.SC., LL.B.,
DUTIA, SHRI G.B.
DUBE, SHRI O.M.
DUBE, SHRI R.M.
DESAI, SMT. ALKA A., S.T.C. T.D.
DHARAP, SHRI V. G., B.A., LL.B.
NARE, SHRI D.B.
NALAWDE, SHRI DATTA.
NAIK, SHRI B.A.
NAIK, SHRI M.R.
NARVEKAR, SHRI S.M.
NIKLANKAR, SHRI P.D.
NEVREKAR, SHRI K.R.
PATEL, SHRI M.H.S.
PATHAN, SHRI M.N.
PADWAL, SHRI C.S.
PADWAL, SHRI R.V.
PADWAL, SHRI H.P.
PARMAR, SHRI N.D.
PARIHAR, SMT. PARVATI L.
PAWAR, SHRI N.B., B.A., LL.B., ADVOCATE, HIGH COURT.

PARVATKAR, SHRI V.M.
PATIL, SHRI A.W.
PATIL, SHRI J.M.
PATIL, SHRI B.H.
PATIL, SMT. MANORAMA D.
PAREKH, SHRI P.R.
PAREKH, SHRI M.C.
PASHTE, SHRI A.P., B.A., LL.B.
PASI, SHRI N.M.
PUJARI, SHRI N.L., B.A., LL.B.
PRADHAN, SHRI D. S.
PRABHOO, DR. R.Y., M.B.B.S. (BOM.)
FALNIKAR, SMT. NEELA V.
BACHHAV, SMT. PRAMILA S.
BARIA, SHRI N. K.
BEDI, SHRI M.H.
BOMAN-BEHRAM, SHRI B.K., M.A., LL.B.
BHAVE, SHRI M.G.
BHUBAL, SHRI C.C., L.M.E.
MERCHANT, SHRI Y.M.
MADHUKUNTA, SHRI D. K.
MAYEKAR, SHRI R. S.
MAHAJAN, DR. (SMT.) BAKHTAVER S.
MAHADIK, SHRI V. S., B.A. (HONS.), L.S.G.D.
MAHALKARI, SHRI G. G.
MANE, SHRI A. G.
MANJREKAR, SHRI V. S.
MAJUMUNDAR, DR. S. R., G.F., A.M.
MULAKAWAD, SHRI L. F.
MENON, SHRI C. B.
MEMON, DR. A. U.
MEHTA, SHRI C. S., B.COM., F.C.A.
MEHTA, SHRI RUSI M.
MHATRE, SHRI P. A.
YADAV, SHRI B. M.
RANE, SMT. SUGANDHA M.
RAO, SHRI SHARAD.
LAUD, SHRI R.P.
WAGLE, SMT. PUSHPALATA M.
WAGHELA, SHRI R. Z.
VANU, SHRI NIYAZ A. L.
WELKAR, SMT. ASHA S.
VAIDYA, SHRI P. V., B.A., LL.B., Advocate.
SHARMA, SHRI P. S.
SHAH, SHRI N. M.
SHAH, SHRI R. S.
SHAH, SHRI H. G.
SHIRKE, SHRI G. G.
SHETE, SHRI B. H.
SHETTY, SHRI K. D.
SHETTY, SHRI S. B.
SHETTY, SHRI S. C.
SHETYE, SHRI R. J.
SHETH, SHRI G. H.
SHELAR, SHRI K. B.
SHELAR, SHRI B. S.
SHRINGI, DR. V. G., M.A., M.S. (Delhi.)
SAMANT, DR. (SMT.) VINITA D.
SING, SHRI R. R.
SOOFI, SHRI A. R.
SEHGAL, SHRI P. H.
SAYYAD, SHRI M. H.
SONAWANE, DR. (SMT.) SHALINI M., M.B.B.S.
SOLANKI, SHRI T. G.
SANGHAVI, SHRI R. J., B.SC. (HONS.).
SHRI S. RAMCHANDRAN.

LIST OF THE MEMBERS OF THE STANDING COMMITTEE WHO HELD OFFICE AS ON 31ST MARCH 1983

SHRI EKNATH R. KOPARDE, (*Chairman*).

KADAM, SHRI R. T.
KHADYE, SHRI V. P.
CHAVAN, SHRI S. B. (Ex-Officio)
DUBE, SHRI R. M.
NARE, SHRI D. B.
PATIL, SHRI J. M.
PASHTE, SHRI A. P.
PRABHOO, DR. R. Y.

BHUBAL, SHRI C. C.
MAJUMUNDAR, DR. S. R.
MHATRE, SHRI P. A.
RAO, SHRI S. J.
SHARMA, SHRI P. S.
SHAH, SHRI R. S.
SHETTY, SHRI S. B.
SANGHAVI, SHRI R. J.

LIST OF THE MEMBERS OF THE IMPROVEMENTS COMMITTEE WHO HELD OFFICE
AS ON 31ST MARCH 1983.

SMT. INDUMATI T. PATEL, (Chairman).

ANKLESWARIA, SHRI R. C.
ZARAPKAR, SHRI D. G.
TANNA, SHRI J. M.
DUTIA, SHRI G. B.
NAIK, SHRI M. R.
PATEL, SHRI M.H.S.
PARIHAR, SMT. PARVATI L.
PARVATKAR, SHRI V. M.

FALNIKAR, SMT. NEELA V.
BARIA SHRI N. K.
MERCHANT, SHRI Y. M.
MANE, SHRI A. G.
MANJREKAR, SHRI V. S.
SHETTY, SHRI K. D.
SEHGAL, SHRI P. H.

LIST OF THE MEMBERS OF THE EDUCATION COMMITTEE WHO HELD OFFICE
AS ON 31ST MARCH 1983.

SHRI S. S. CHAVAN, (Chairman).

KUNTE*, SHRI P. K.
GAIKWAD, SHRI V. B.
GAMBHIR, SHRI S. A.
CHAVAN, SHRI R. N.
CHADDA, SHRI V. M.
JADHAV, SHRI B. K.
JOSHI*, SHRI R. G.
NAIK, SHRI B. A.

PATIL, SHRI A. W.
BORICHA*, SHRI P. H.
MAHAJAN, DR. (SMT.) BAKHTAVER S.
RAMCHANDRAN, SHRI S.
WAGLE, SMT. PUSHPALATA M.
SHAH*, SHRI J. P.
SAYYAD, SHRI M. H.

* Non-Councillor Member.

LIST OF THE MEMBERS OF THE TREE AUTHORITY WHO HELD OFFICE AS ON
31ST MARCH 1983.

DR. P. S. PAI, (Chairman).

ANKLESWARIA, SHRI R. C.
KAMTEKAR†, SHRI S. K.
KHADYE, SHRI V. P.
KHAN, SHRI F. A.
GAMBHIR, SHRI S. A.
CHAVAN, SHRI M. G.
DALAL, SHRI B. C.
DESAI, SMT. ALKA A.
JADHAV, SHRI L. M. (Chairman, M. & G. C.).

MAHAJAN, DR. (SMT.) BHAKTAWER S.
MAHADIK, SHRI V. S.
MHATRE, SHRI P. A.
WAGLE, SMT. PUSHPALATA M.
VAIDYA†, SHRI S. D.
SANGHAVI, SHRI R. J.
SAMPAT†, SHRI S. V.
SAMANT, DR. (SMT.) VINITA D.

† Non-Councillor Members co-opted by the Tree Authority

MUNICIPAL COMMISSIONER'S OFFICE

The designation and names of the officers holding the post of Municipal Commissioner, Dy. Municipal Commissioner etc. together with the period from which the posts were held by each of them are given below :

| Serial No. | Designation | Name of the Officer and Qualification | Period | | Remarks |
|------------|--|--|--------------------|---------------------|--|
| | | | From | To | |
| 1 | Municipal Commissioner | Shri D. M. Sukthankar, I.A.S., M.Com. | 1-4-82 | 31-3-83 | |
| 2 | Director (Engineering Services and Projects). | Shri J. R. Patwardhan, B.E. (Civil), M.E. (P.H.), A.M.I.E. | 1-4-82 | 31-3-83 | |
| 3 | Dy. Municipal Commissioner (Improvements). | Shri P. P. Kamdar, B.A. (Spl.), B.Com. LL.B. | 1-4-82 | 31-3-83 | |
| 4 | Dy. Municipal Commissioner (Personnel). | Shri V. D. Vaidya, B.A. (Spl.), M.Com. | 1-4-82 26-6-82 | 25-5-82 31-3-83 | Deputed from 23-3-82 to 18-5-82 to participate in Course No. 40 on "Management Structures and Techniques for Local Public Services" organised by International Union of Local Authorities. |
| | | Dr. K. K. Soman, M.B.B.S., D.P.H. & D.I.H. | 4-4-82 | 9-5-82 | |
| | | Shri K. S. Baroi, I.A.S. | 10-5-82 | 25-6-82 | On deputation from Government of Maharashtra to the Corps as D. M. C. from 10-5-1982. |
| 5 | Dy. Municipal Commissioner (General). | Shri K. S. Baroi, I.A.S. | 26-6-82 | 31-3-83 | |
| 6 | Dy. Municipal Commissioner (Spl. Engineering). | Shri K. D. Mulekar, B.E. (Civil), M.E.P.H. F.E.I. | 19-1-83 | 31-3-83 | Appointed as D.M.C. (S.E.) from 19-1-1983. |
| 7 | Dy. Municipal Commissioner (Zone-I). | Dr. K. K. Soman, M.B.B.S., D.P.H. and D.I.H. | 1-4-82 | 3-4-82 | Appointed during leave period of Shri Gambhir from 22-3-82 & 3-4-82 |
| | | Shri S. V. Gambhir, A.M.I.E. | 1-4-82 | 31-3-83 | |
| 8 | Dy. Municipal Commissioner (Zone-II). | Smt. Kumud Bansal, M.A., I.A.S. | 1-4-82 | 5-4-82 | Repatriated to the Government of India from 5-4-1982. |
| | | Shri V. D. Vaidya, B.A. (Spl.), M.Com. | 26-5-82 | 25-6-82 | |
| | | Dr. K. K. Soman, M.B.B.S., D.P.H. and D.I.H. | 10-5-82 26-6-82 | 24-5-82 31-10-82 | Retired from Municipal Service on account of superannuation from 1-11-1982 (B.N.). |
| | | Shri M. P. Nerkar, B.E. (Civil), M.E.P.H. | 1-12-82 | 31-3-83 | Appointed as D.M.C. (Z-II) from 1-12-1982. |
| 9 | Dy. Municipal Commissioner (Zone-III). | Smt. K. S. Kadam, B.A., LL.B. | 1-4-82 | 24-6-82 | |
| | | Dr. K. K. Soman, M.B.B.S., D.P.H. and D.I.H. | 25-5-82 | 25-6-82 | |
| 10 | Dy. Municipal Commissioner (Zone-IV). | Smt. K. S. Kadam, B.A., LL.B. | 25-6-82 | 31-3-83 | |
| 11 | Dy. Municipal Commissioner (Zone-V). | Shri G. A. Prabhuchimulkar, B.E. (Civil), A.M.I.E. | 1-4-82 | 31-3-83 | |

Other Heads of Department in Municipal Commissioner Office

| Serial No. | Designation | Name of the Officer and Qualification. | Period | | Remarks |
|------------|--|---|----------|----------|--|
| | | | From | To | |
| 1 | Personal Secretary to the Municipal Commissioner (Sr. Ward Officer). | Dr. D. A. Pinto, M.A., LL.B., L.S.G.D. | 1-4-82 | 19-12-82 | Transferred as Sr. W.O. 'A' Ward from 20-12-1982 |
| | | Shri R. D. Vaidya, B.A. (Hon.), L.S.G.D. | 12-4-82 | 30-6-82 | For looking after the duties of P.S. to M.C. on payment of Charge Allowance basis from 12-4-1982 to 30-6-1982. |
| | | Shri S. B. Muthalia, B.E. (Civil). | 20-12-82 | 31-3-83 | Appointed vice Shri D. A. Pinto from 20-12-1982. |
| 2 | Administrative Officer (Municipal Commissioner). | Shri R. D. Vaidya, B.A. (Hons.), L.S.G.D. | 1-4-82 | 22-8-82 | Transferred as A.O. to D.M.C. (Z I) from 23-8-1982. |
| | | Shri V. K. Marathe, M.A. | 23-8-82 | 1-11-82 | Appointed as A.O. (M.C.) from 23-8-1982. |
| 3 | Personal Assistant to the Municipal Commissioner. | Shri V. K. Marathe, M.A. | 2-11-82 | 31-3-82 | Appointed as P.A. to M.C. from 2-11-1982. |
| 4 | Organisation and Methods Officer I. | Shri M. P. Patil, M.A., L.S.G.D., Pravin. | 1-4-82 | 31-3-83 | |
| 5 | Organisation and Methods Officer II. | Shri V. S. Morye, B.A. (Hons). | 1-4-82 | 31-3-83 | |
| 6 | Committee Officer | Shri S. G. Chandorkar, Matric, L.S.G.D., L.G.S., Hindi Uchha Padvi. | 1-4-82 | 31-3-83 | |
| 7 | Municipal Medical Examiner (City) (Full time). | Dr. M.L. Joshi, M.B.B.S., M.D., D.C.H. | 1-4-82 | 31-3-83 | |
| 8 | Lady Municipal Medical Examiner (Part time). | Dr. (Smt.) S. P. Shroff, M.B.B.S. | 1-4-82 | 31-3-83 | Except for the leave period from 27-12-1982 to 25-1-1983 and 18-2-1983 to 31-3-1983. |
| 9 | Executive Engineer (Vig.) | Shri S. K. Dharap, B.E. (Civil). | 1-4-82 | 31-8-82 | |
| | | Shri N. L. Lawande, B.E. (Civil), A.M.I.E. | 1-9-82 | 31-3-83 | As E.E. (V) from 1-9-1982. |
| 10 | Ward Officer (Spl. Officer for Backward Class Cell). | Shri G. B. Prasad, B.Com. | 1-4-82 | 28-2-83 | Transferred as W.O.P/S from 1-3-1983. |
| | | Shri N. N. Puppallwar, B.E. (Mech.) | 1-3-83 | 31-3-83 | Appointed vice Shri G. B. Prasad from 1-3-83. |
| 11 | Administrative Officer (Personnel). | Smt. S. M. Gorakshakar, B.A., L.S.G.D. | 1-4-82 | 30-9-82 | |
| | | Shri P. B. Kanade, B.Sc., L.S.G.D. | 28-10-82 | 31-3-83 | Appointed as A.O. from 28-10-1982. |
| 12 | Administrative Officer D.M.C. (Z I)'s Office. | Shri S.A. Thakur, Matric | 1-4-82 | 31-7-82 | Retired from Municipal Service from 1-8-1982 (B.N.). |
| | | Shri R. D. Vaidya, B.A. (Hons), L.S.G.D. | 23-8-82 | 31-3-83 | |
| 13 | Administrative Officer D.M.C. (Z II)'s Office. | Shri M. D. Naik, B.Sc. (Hons). | 1-4-82 | 31-3-83 | |
| | | Shri G. N. Jambhekar, Matric, L.S.G.D. | 1-4-82 | 31-5-82 | Retired from Municipal Service 1-6-1982 (B.N.). |
| 14 | Administrative Officer (D.M.C. Z III)'s Office. | Shri U. D. Somane, B.A., L.S.G.D. | 1-6-82 | 27-6-82 | |
| | | Shri K. M. Ruikar, Matric | 1-4-82 | 27-6-82 | |
| 15 | Administrative Officer D.M.C. (Z-IV)'s Office. | Shri U. D. Somane, B.A., L.S.G.D. | 28-6-82 | 31-3-83 | |
| | | Shri B. D. Patil, Matric, L.S.G.D. | 1-4-82 | 31-3-83 | |
| 16 | Administrative Officer D.M.C. (Z V)'s Office. | Shri V. S. Gokhale, B.A. (Spl.), L.S.G.D., LL.B. | 1-4-82 | 31-3-83 | |
| 17 | Administrative Officer D.M.C. (I)'s Office. | Shri D. D. Raj, Matric, L.S.G.D. | 1-4-82 | 31-3-83 | |
| 18 | Administrative Officer D.M.C. (P)'s Office. | Shri K. M. Ruikar, Matric | 28-6-82 | 30-9-82 | Retired from Municipal Service from 1-10-1982 (B.N.). |
| 19 | Administrative Officer D.M.C. (G)'s Office. | Smt. S. M. Gorakshakar, B.A., L.S.G.D. | 1-10-82 | 31-3-83 | |
| | | | | | |

MUNICIPAL CHIEF AUDITOR

The Post of Municipal Chief Auditor was held by Shri R.G. Godbole, B.Com., F.C.A., F.C.M.A., F.C.I.S. A.M.B.I.M. during the year 1st April 1982 to 31st March 1983 except during his 14 days leave from 15th February 1983 to 28th February 1983. Shri B.R. Panthaki, M.A., B.Com. (I.M.C.) Hindi (M.H.B.) was appointed as Municipal Chief Auditor in-charge.

Other Heads of Department.

| Serial No. | Designation | Name of the Officer and Qualifications | Period | | Remarks |
|------------|---|--|--|---|--|
| | | | From | To | |
| 1 | 2 | 3 | 4 | 5 | |
| 1 | City Engineer | .. Shri S. M. Parulkar, B.E. (Civil), F.I.E. (India). | .. | .. | Throughout the year. |
| 2 | Chief Accountant | .. Shri R. S. Pednekar, B.A. (Hons.), M.Com., L.S. G.D. | .. | .. | Throughout the year. |
| 2-A | Joint Chief Accountant | Shri V. W. Joshi, M.Com., L.G.S. | 6-7-82 | 31-3-83 | The post was vacant from 1-4-1982 to 5-7-1982. |
| 3 | Hydraulic Engineer | .. Shri K.D. Mulekar, B.E. (Civil), M.E. (P.H.), F.I.E. | 1-4-82 1-7-82 | 2-5-82 18-1-83 | He was on leave from 3-5-82 to 30-6-1982. He was promoted as D. M. C. (S. E.) from 19-1-1983. |
| | | Shri A.F. Khan, B.Sc., B. E. (Civil). | 3-5-82 19-1-83 | 30-6-82 31-3-83 | Hydraulic Engineer in charge. |
| 4 | Ex. Health Officer | .. Dr. M.N. Gurnani, M.B. B.S., D.P.H. | .. | .. | Throughout the year. |
| 5 | Dean, K.E.M. Hospital and G.S.M. College. | Dr. C.K. Deshpande, M.D. (Path.), F.R.C. (London). | 1-4-82 30-5-82 27-10-1982 6-3-83 27-3-83 | 7-5-82 28-9-82 18-2-83 7-3-83 31-3-83 | He was on leave from 8-5-1982 to 29-5-1982, 29-9-1982 to 26-10-1982, 19-2-1983 to 5-3-1983, 8-3-1983 to 26-3-1983. No Substitute was appointed during his leave period. The work was managed departmentally. |
| 6 | Dean, B.Y.L. Nair Ch. Hospital and T. N. Medical College. | Dr. J.V. Bhatt, M.D. | .. | .. | Throughout the year. |
| 7 | Dean, L.T.M.G. Hospital and L.T.M.M. College. | Dr. B.R. Kalke, M.B.B.S. (Bombay), M.S., F.C.P.S. Ph.D. (U.S.A.). | 1-4-82 | 24-8-82 | |
| | | Dr. N.A. Dabholkar, M.D. | 25-8-82 | 31-3-83 | Working as Dean in-charge. |
| 8 | Dean, Nair Hospital Dental College. | Dr. S.T. Talim, M.D.S. | .. | .. | Throughout the year. |
| 9 | Chief Fire Officer | .. Shri L.S.D. Mehervanjee Sr. Cambridge (Hons.), M.I. Fire (E) (India). | 1-4-82 | 31-1-83 | Retired on superannuation from 1-2-1983. |
| | | Shri V. B. Nikam, B.Sc. Assistant Divisional Officer's Course N.F.S.C. Oversees Senior Command Course. | 1-2-83 | 31-3-83 | Working as a C.F.O. |
| 10 | Medical Supdt. (G.T.B. Hospital). | Dr. A.P. Rao, M.D., T.D.D F.C.C.P. (U.S.A.), M.I. P.H.A. (C.A.L.). | .. | .. | Throughout the year. |
| 11 | Assessor and Collector | Shri P.B. Mhaskar, B.A. (Hons.), L.S.G.D. | 13-4-82 1-9-82 | 1-8-82 31-3-83 | During the leave period of Shri P. B. Mhaskar, Shri G.P. Parulkar, Dy. A. & C. (Octroi) has officiated as A. & C. |
| | | Shri G.P. Parulkar, B.Sc. (Hons.), M.A., L.S.G.D. | 1-4-82 2-8-82 | 12-4-82 31-8-82 | |
| 12 | Education Officer | .. Smt. K.N. Kamat, M.A., B.T., M.Ed., Rashtra - bhasha Pravin. | 1-4-82 8-8-82 | 28-7-82 31-3-83 | |
| | | Smt. S.V. Pandit, M.A., M. Ed., Ed.S. (U.S.A.) | 29-7-82 | 7-8-82 | Dy. Education Officer looked after the duties of the post of E.O. in addition to her own duty. |
| 13 | Law Officer | .. Smt. M.V. Shetty, B.A., LL. B. | 1-4-82 9-1-83 | 26-12-82 31-3-83 | |
| | | Shri P.B. Karhadkar, B.A., LL.B. | 27-12-82 | 8-1-83 | Dy. Law Officer looked after the duties of Smt. Shetty during her leave period. |

| Serial No. | Designation | Name of the Officer and Qualifications | Period | | Remarks |
|------------|--|---|---|--|---|
| | | | From | To | |
| 1 | 2 | 3 | 4 | 5 | |
| 14. | Chief Engineer (Water Supply Projects). | Shri V.M. Shidhaye, D.C. E., I.F.E. (India), F. I. W.W. A. Shri D.S. Deshpande, B.E. (Civil) (Hons.), M.I.E. (India), F.I. W.W.A., M.I. G.S. | 1-4-82 1-3-83 | 28-2-83 31-3-83 | Retired from 1-3-1983. Ch. Engineer (Water Supply Project) In-charge. |
| 14-A | Chief Engineer sewerage Project). | Shri V. G. Sawant, B.E. (Civil). | .. | .. | Throughout the year. |
| 14-B | Chief Engineer (Common Services). | Shri B.R. Gole, B.E. (Civil) (Hons.), F.I.E. (India), A.M.A.W.W.A., F.E.D.I. (Washington). | 1-4-82 9-12-82 1-1-83 11-2-83 | 24-11-82 28-12-82 31-1-83 31-3-83 | During his leave period from 25-11-1982 to 8-12-1982 with L.T.A., 29-12-1982 to 31-12-1982, 1-2-1983 to 10-2-1983- the work was managed departmentally. |
| 15 | Controller of Stores .. | Shri C. H. Khubchandani, B.E. (Civil), M.I.E. Shri J.D. Pradhan, B.E. (Civil), M.I.E. | 1-4-82 1-9-82 | 31-8-82 31-3-83 | Retired on account of superannuation from 1-9-1982. |
| 16 | Supdt. of Markets and Slaughter Houses. | Vacant. | .. | .. | Throughout the year. |
| 16-A | General Manager, Deonar Abattoir. | Dr. S.N. Brahme, B.Sc. (Vet.). | .. | .. | Throughout the year. |
| 16-B | Ward Officer (Market) | Shri M.A. Shaikh, M.A., LL.B. | .. | .. | Throughout the year. |
| 17 | Administrative Officer (Enquiries). | Shri K.R. Dixit, B.A., L.G.S., D.I.A.S. Shri G.S. Karve, B.A., LL.B. | 1-4-82 24-12-82 9-12-82 | 8-12-82 31-3-83 23-12-82 | 15 days earned leave from 9-12-1982 to 23-12-1982. Administrative Officer (Enq.) Incharge. |
| 18 | Security Officer .. | Shri C. W. Zimbire, B.A. (Hons.), L.G.S. Shri V. T. Davare, B.A. (Hons.), L.G.S. | 1-4-82 8-12-82 | 7-12-82 31-3-83 | Worked as Security Office Incharge. |
| 19 | Sr. Ward Officer (Estates) | Shri S. M. Taraporewalla, B.E. (Mech. & Electrical). Shri N. R. Jankar, B.A. (Special) (Hons.), L.G.S. | 1-4-82 17-4-82 | 16-4-82 31-3-83 | Worked as a Ward Officer (Estate Incharge). |
| 20 | Labour Officer .. | Shri G. S. Saudagar, B.A. (Hons.), LL.B. Shri N. G. Kalmr, M.A. (S.W.). | 1-4-82 1-1-83 | 31-12-82 31-3-83 | Labour Officer incharge. |
| 21 | Public Relations Officer and Editor, Bombay Civic Journal. | Shri T. B. Mahajan, M.A., LL.B. | .. | .. | Throughout the year. |
| 22 | Dy. Assessor & Collector (Ostro). | Shri G. P. Parulkar, B.Sc. (Hons.), M.A., L.S.G.D. Shri S. V. Muzar, B.Sc., L.S.G.D. Shri Y. S. Dalvi, B.A. (Spl), L.S.G.D. | 1-4-82 2-8-82 1-3-83 | 1-8-82 28-2-83 31-3-83 | Officiated as A. & C. from 2-8-82 to 31-3-82, Retired from 1-9-82. Retired from 1-3-1983. |
| 23 | Superintendent of Licences. | Shri D. A. Padgaonkar, B.A., L.S.G.D. | .. | .. | Throughout the year. |
| 24 | Superintendent of Gardens. | Shri J. C. Garkhel, B.Sc. (Hons.) (Agriculture). | .. | .. | Throughout the year. |
| 25 | Manager, Municipal Printing Press. | Shri M. M. Komat, Printing Technology, Diploma in Business Management. | .. | .. | Throughout the year. |
| 26 | Asstt. Medical Officer (E.N.T. Hospital). Jr. A.M.O. .. | Dr. (Smt) S. C. Bisnur, M.B.B.S., D.G.O. Dr. Pradi Babiga, M.B.B.S. D.L.O. Dr. D. R. Kothari, M.B.B.S., D.O.R.L. M.S. (E.N.T.). | 1-4-82 5-3-83 14-2-83 | 13-2-83 31-3-83 4-3-83 | Leave period from 14-2-1983 to 4-3-1983. These two Doctors were looking after the works of A.M.O. |
| 27 | Curator, Dr. B. D. Lad Museum and Chief Librarian. | Shri V. N. Barve, B.A. (Hons.), L.S.G.D., Hindi (Pravin). | 1-4-82 to 8-6-82 2-5-82 to 17-11-82 30-11-82 to 31-3-83 | .. | He was on leave from 3-5-1982 to 7-6-1982, 18-11-1982 to 29-11-1982 and work was managed departmentally. |
| 28 | Manager, Mahatma Gandhi Memorial Olympic Swimming Pool. | Shri R. S. Rane, S.S.C., L.GS. | .. | .. | Throughout the year office Supdt. Incharge. |
| 29 | Manager, Raja Bajdevdas Birla Kreedha Kendra. | Shri J. S. Satam, B.A. (Hons). | .. | .. | Throughout the year. |

SUBURBS AND EXTENDED SUBURBS

| Serial No. | Designation | Name of the Officer and Qualifications | Period | | Remarks |
|------------|---|--|---------|---------|--|
| | | | From | To | |
| 1 | Dy. Executive Health Officer (Western Suburbs). | Dr. S. S. Sabnis, M.B.B.S., D.P.H. | .. | .. | Throughout the year. |
| | Dy. Executive Health Officer (Eastern Suburbs). | Dr. G. M. Advani, M.B.B.S., D.P.H. | .. | .. | Throughout the year. |
| 2 | Dy. Assessor & Collector (Eastern Suburbs). | Shri S. V. Moghe, B.Sc., L.S.G.D. | 1-4-82 | 1-8-82 | Transferred as Dy. A. & C. (Outroi) from 2-8-1982. No. substitute arrangement was made during the period from 2-8-1982 to 9-8-1982. |
| | | Shri K. P. Juvekar, Matric, L.S.G.D. | 10-8-82 | 31-3-83 | |
| 3 | Dy. Assessor & Collector (Western Suburbs). | Shri B. V. Modak, B.A. (Spl.), L.S.G.D. | 1-4-82 | 1-7-82 | On leave from 2-7-1982 to 31-7-1982. |
| | | Shri L. N. Ghangrekar, B.A., L.S.G.D. | 2-7-82 | 31-7-82 | Retired from 1-8-1982. |
| | | Shri B. V. Modak, B.A. (Spl.), L.S.G.D. | 1-8-82 | 30-9-82 | Retired from 1-10-1982. |
| | | Shri Y. K. Kale, F.Y. Arts, L.S.G.D. | 1-10-82 | 6-2-83 | On leave from 7-2-1983 to 31-3-1983. |
| | | Shri V. R. Soman, Matric, L.S.G.D. | 1-3-83 | 31-3-83 | He was working as in-charge for the period from 7-2-1983 to 14-3-1983 and 15-3-1983 to 31-3-1983 as Dy. A. & Co. (Outroi) (Western Suburbs). |
| 4 | Dy. Supdt. of Markets (Eastern Suburbs). | Shri M. D. Collaco, Matric (S.I.). | .. | .. | Throughout the year. |
| 5 | Dy. Supdt. of Market (Western Suburbs). | Shri P. A. Tawade, Inter Arts (S.I.), L.S.G.D. | .. | .. | Throughout the year. |

Ward Officers upto 31-3-983.

| Serial No. | Name | Designation | Remarks |
|------------|-------------------------|----------------------|--|
| 1 | Shri S. M. Taraporewala | Senior Ward Officer. | Retired from Municipal Service from 16-4-1982 |
| 2 | Shri A. D. Doctor | Do. | Retired from Municipal Service from 1-2-1983. |
| 3 | Shri N. G. Kabe. | Do. | |
| 4 | Shri V. G. Godambe. | Do. | |
| 5 | Dr. D. A. Pinto | Do. | As Sr. W. O. 'A' from 20-12-82. |
| 6 | Shri S. B. Muthalia. | Do. | As Sr. W.O. (P. S. to M. C. from 20-12-82. |
| 7 | Shri K. M. Joglekar. | Do. | |
| 8 | Shri M. P. Nerkar | Do. | Appointed as D.M.C., (Z-II) from 1-12-1982 |
| 9 | Shri S. K. Desai. | Do. | Retired from Municipal Service from 1-6-82 (B.N.). |
| 10 | Shri N. N. Lalit | Do. | Retired from Municipal Service from 1-3-83 (B.N.). |
| 11 | Shri G. R. Khairnar. | Do. | |
| 12 | Shri V. Balchandran. | Do. | |
| 13 | Shri Y. A. Nadkar | Do. | |
| 14 | Shri S. R. Dange. | Do. | |
| 15 | Shri D. R. Talkar | Ward Officer. | Retired from 1-10-82 (B. N.). |
| 16 | Shri H. L. Gangwani. | Do. | |
| 17 | Shri M. D. Sharma. | Do. | |
| 18 | Shri S. R. Upadhyaya. | Do. | |
| 19 | Shri A. N. Dube. | Do. | |
| 20 | Shri A. Y. Kulkarni. | Do. | |
| 21 | Shri V. S. Jadhav. | Do. | |
| 22 | Shri C. K. Ghone. | Do. | |
| 23 | Shri N. B. Salunke | Do. | |
| 24 | Shri D. D. Jadhav. | Do. | |
| 25 | Shri A. A. Raisinghani. | Do. | |
| 26 | Shri R. D. Koli | Do. | |
| 27 | Shri M. C. Gandhi | Do. | |
| 28 | Shri I. L. Darji | Do. | |
| 29 | Shri R. B. Veturkar | Do. | |
| 30 | Shri M. A. Shaikh | Do. | |
| 31 | Shri G. B. Prasad. | Do. | |
| 32 | Shri N. N. Puppalwar. | Do. | |
| 33 | Shri S. T. Todsam. | Do. | |
| 34 | Shri S. P. Ghaste. | Do. | |

Ward Officers

With a view to render efficient services to the Citizens numbering over 82 lakhs spread over an area of about 437 sq. kms. the administration of Municipal Departments has been decentralised by setting up Ward Offices which now number 21. Each ward office is in charge of a Ward Officer who has been delegated wide powers. The citizens can approach to him in the respective ward office for redressal of their grievances in the matter of civic amenities.

The functions carried out at ward level are as under :—

(a) Maintenance of Municipal Properties, Roads, and Drains Inspection of Private Building and factories as also ensuring adequate water supply, (b) collection of taxes and rent of Municipal estates, (c) Regulation of licensable commodities and enforcement of shops and establishment Act, (d) Registration of Births and Deaths, vaccination maintenance of dispensaries and disposal of refuse (e) Post Control, (f) Public sanitation and disposal of refuse, (g) Primary education, (h) Maintaining sanitation and improvement of slum colonies and (i) Preservation of Trees etc.

Central Control Room

The Complaints Section dealt with the complaints received in the Central Control Room by referring them to the departments concerned and following them up systematically to ensure prompt redressal of grievances. It remained open on all the days of the year including Sundays and Holidays

Working of this control room was reorganised in consultation with Dy. C. E. (Prod.). Three labourers from each of two gangs were reduced i. e. three Labourers out of eight were reduced from each of two gangs. In addition to this one vehicle was also reduced.

The total number of complaints registered and followed up during the year under report was 6,241 as detailed in the accompanying statement, as against 8853 in the preceding year.

This section worked in close co-operation with the Fire Brigade, and Water Supply Control Room and ensured that in cases of house collapses and such other emergencies, the Municipal Officers and staff reached the site in time, to mitigate the hardships of the victims. Co-operation among various agencies including Repair Board was also brought about on such occasions.

Information on civic matters was furnished to the members of the public on request.

| Ward | Drainage. | Buildings. | Water Works. | Road | Refuse | Rat & Mosquito. | Licence | Stray dogs. | Fire. | Miscellaneous (Carcasses, Monkeys, etc. | Flooding. | Total |
|--------------|--------------|------------|--------------|-----------|------------|-----------------|-----------|-------------|------------|---|-----------|--------------|
| A | 596 | 45 | 10 | 6 | 41 | 9 | 4 | 3 | 20 | 36 | 5 | 775 |
| B | 869 | 101 | 46 | 17 | 93 | 8 | 13 | 4 | 9 | 30 | 1 | 1,191 |
| C | 246 | 110 | 15 | 14 | 25 | 1 | 4 | 3 | 8 | 10 | 3 | 439 |
| D | 699 | 92 | 14 | 10 | 47 | 7 | 2 | 7 | 10 | 30 | 11 | 929 |
| E | 498 | 75 | 21 | 8 | 29 | 4 | .. | 5 | 17 | 21 | 4 | 682 |
| F/South | 264 | 32 | 4 | 5 | .. | .. | 1 | 1 | 9 | 18 | 2 | 336 |
| F/North | 288 | 12 | 5 | 3 | 12 | 7 | 1 | 6 | 1 | 24 | 8 | 367 |
| G/South | 372 | 18 | 7 | 5 | 6 | 2 | .. | 3 | 11 | 23 | 2 | 449 |
| G/North | 458 | 40 | 14 | 3 | 7 | 4 | 2 | 7 | 7 | 28 | 3 | 573 |
| H/East | 9 | 9 | 4 | 1 | .. | .. | .. | 3 | 5 | 3 | .. | 34 |
| H/West | 32 | 9 | 11 | 1 | 4 | .. | .. | 7 | 2 | 9 | 2 | 77 |
| K/East | 14 | 10 | 2 | .. | .. | 2 | .. | .. | 9 | 10 | 6 | 53 |
| K/West | 20 | 6 | 6 | 4 | 3 | .. | 1 | 3 | 1 | 21 | 1 | 66 |
| L | 20 | 12 | .. | 1 | 1 | 5 | 1 | .. | 5 | 10 | 4 | 59 |
| M | 25 | 2 | 3 | 7 | 4 | 2 | .. | 2 | 7 | 10 | 2 | 64 |
| N | 14 | 8 | 1 | .. | .. | 2 | .. | .. | 5 | 5 | 3 | 38 |
| P/South | 6 | 2 | 4 | .. | .. | .. | .. | .. | 4 | 5 | .. | 21 |
| P/North | 3 | .. | 1 | .. | 1 | .. | 1 | .. | 2 | 4 | 1 | 13 |
| R | 7 | 5 | 3 | 2 | 1 | 1 | 1 | 4 | 2 | 8 | 3 | 37 |
| S | 3 | 3 | .. | .. | .. | .. | .. | .. | 6 | 9 | .. | 21 |
| T | 3 | 2 | .. | .. | 2 | .. | .. | .. | 4 | 3 | 3 | 17 |
| Total | 4,446 | 593 | 171 | 87 | 276 | 54 | 31 | 58 | 144 | 317 | 64 | 6,241 |

P. N. SAMANT,
Complaints Officer,
Central Control Room.

Organisation and Methods Division

The Organisation and Methods Division is working since 1957 to adopt various methods and systems of working and organize the same in various departments of the Corporation and two officers are attached to the same.

During the year, the following activities were carried out by this division.

(1) Standardization of forms and registers.

Standardization of forms and registers was done as and when required by the various departments of the Corporation.

(2) Re-arrangement of Municipal Records.

During the inspection of all the Wards and Departments it was seen that the records were weeded out periodically and arranged systematically.

(1) Case-Study.

On introduction of computerisation of pay-rolls, the assessment of the work of Time-keepers was made and it was found that nearly 30 per cent. of Establishment work is reduced.

(4) Methods Study.

(i) On introduction of levy of fees for Outdoor and Indoor patients in Medical institutions, the new system of the working of the collection of fees has been introduced and question of payment of special allowance to the staff, concerned has been standardized.

(ii) Planning and Organization in regard to staffing pattern Kandivli and Govandi Centenary Hospital was done by this division.

(5) Spread of Marathi Language.

Necessary steps to accelerate the use of Marathi in the day to-day administration are being taken; Marathi being official language of the Corporation.

(6) Inspection of Offices :

The work of regular Inspection of offices done by this Unit hithertofore has been discontinued as similar work is also undertaken by the Vigilance Staff of Chief Accountants Department.

(7) Training.

Training programmes are conducted as and when necessary.

(8) Recruitment.

(i) The Organisation and Methods Officers serve as a member of the panel set up for recruitments upto Clerical level. The recruitment of Security Guards is attended by this Division.

(ii) Form of notice, application form and recruitment procedure of Labour Category has been standardized.

(iii) One of the officers of this division conducted the Typing and Shorthand tests of the candidates called for Selection.

(9) General.

(i) Submission of consolidated weekly reports received from Heads of Departments and Ward Offices to the Dy. Municipal Commissioner.

They are scrutinised and a consolidated report is submitted with comments thereon for perusal of higher authorities.

(ii) The work of compilation and printing of important circulars upto 1982-83 issued by M.C.'s Office is completed.

(iii) The work of preparation of compendium of qualifications prescribed for various posts in the Municipal Corporation is under progress.

(iv) The work of preparation of manual of qualifications of the entry posts, method of recruitment etc., is under progress.

(v) The total number of proposals of furniture and equipments are scrutinized thereby reducing the expenditure to the minimum, was 683.

(vi) The total No. of Establishment proposals including continuation of temporary posts and bringing certain posts on permanent Establishment Schedule scrutinised, was 225.

V.S. MORYE,

Organization and Methods Officer (II)
(Municipal Commissioner's Office).

Public Relations Department And The Bombay Civic Journal

Shri J. B. Mahajan M.A., LL.B., was Public Relations Officer and Editor, Bombay Civic Journal, during the year 1982-83.

The department carried out publicity about the various activities and services rendered by different Municipal departments, functioned as a liaison between the members of the public and the various civic departments and acted as a clearing house in respect of criticisms and suggestions appearing in local newspapers. It also carried out health education work and dissemination of information about Municipal activities among the public through various media.

One information counter at the Municipal Head Office Extension building continued to give necessary guidance and information to the public, in addition to the carrying out the sale of various civic publications.

The Civic Diary 1983 and the Civic Guide 1983 containing useful information on civic affairs were brought out with offset printing in attractive form, in English and Marathi. Other publications included the list of Municipal Councillors and Officers. In addition to this, the Public Relations department extended active co-operation in bringing out multi-coloured Municipal Year Book 1982-83 in an attractive form. Special publicity material, such as posters, folders, stickers, cinema slides etc. on various civic activities were also prepared and distributed to the Institutions and individuals all over Greater Bombay.

PROTOCOL, LIAISON AND EXHIBITIONS

One of the major functions of this department is the arrangement and management of V.I.P. visits. This includes receiving V.I.P.'s on their arrival, as the representative of the Corporation and thereafter accompanying them to various civic installations according to the programme. The V.I.P.s included Mayors, Dy. Mayors, Chairmen and top ranking officials of different Corporations in India as well as abroad, Ministers from different States, foreign delegates etc. During the year under report as many as 60 dignitaries from India as well as from foreign countries visited this Corporation. Amongst them, to mention a few, were the Lord Mayor of London, Sir Christopher Lever and Lady Mayoress, H.E. Dato Abdul Manon Bin Othman, Minister of Agriculture, Malaysia, Dr. Guang Hong Zing Ethal, group of Chinese doctors, Dr. Mato Mikic, President of the Assembly of the city of Zagreb, Yugoslavia and several Mayors, Dy. Mayors, Commissioners from all over India, namely, from Delhi, Calcutta, Patna, Cochin, Trivandrum, Calicut, Madurai, Vishakapatnam, Baroda, Nagpur etc.

This Department has also participated in and organised exhibitions at Mount Mary Fair, Bandra, the Health Exhibition organised by Lions Club of Ghatkopar, Consumers Guidance Committee, Ghatkopar, Citizens Action Group, Kalbadevi, Maharashtra Women's Council at Matunga, Labour camp, Dharavi, Photographic exhibition on Leningrad city at Birla Kreedha Kendra, etc. The department also presented a nice float showing Civic activities in the Float Display arranged by the State Government on the occasion of the Republic Day Parade held on 26th January 1983 at Shivaji Park.

The Health Museum which was situated at Bombay Sanitary Association Building Shamaldas Gandhi Marg (Princess Street) since 1956 has been shifted to the Birla Kreedha Kendra, Chowpatty. The same is being visited by a large number of citizens of Bombay. It is popular with educational institutions also.

PRESS RELEASE

A Press Room equipped with lockers, telephone, typewriter etc. has been provided for the use of press reporters. During the year 1982-83, conferences and Press visits to Municipal institutions and installations were arranged for dissemination of information relating to civic services, activities programmes etc. Press hand-outs giving information about various civic matters and rejoinders in reply to the criticisms, suggestions etc. appearing in newspapers, were also issued promptly.

SPECIAL ACTIVITIES.

The Clean Bombay Green Bombay Campaign was carried out extensively and sustained educative publicity was undertaken through various media of publicity. Besides the annual competition for the Mayor's Shield was also organised by this department. Similarly arrangements for giving due publicity were also made for the receptions given by the Mayor.

The department participated in the observance of the World Health Day, National Cleanliness Day, World Leprosy Day, Social Education Week, Family Welfare Campaign, Grow More Trees Campaign, Anti-Fire Campaign, Flag Day and also various other Health Drives and exhibitions organised by various social welfare organisations. The work of collecting donations for the National Flag Day was carried out in the usual manner.

BOMBAY CIVIC JOURNAL.

Shri J.B. Mahajan, M.A.,LL.B. worked as Editor, Bombay Civic Journal in addition to being the Public Relations Officer during the year 1982-83.

Inauguration of Emergency Medical Care Centre at R. N. Cooper Hospital and inaugurations of two water reservoirs at Veravali at Andheri (East) and Trombay were the two prestigious major civic water projects which were given wide coverage in the Journal during the year under review.

Emergency Medical Care Centre was commissioned at R. N. Cooper Hospital for rendering 'Trauma' care services to the people residing in Western Suburbs from Dahisar to Bandra. The Centre has 100 beds equipped and staffed adequately to deal with all accidents, burns, poison and cardiac cases.

Two water reservoirs, one at Veravali, Andheri (East) and the other at Trombay built at a cost of about Rs. 4½ crores were commissioned to facilitate the civic administration to give more and regular water supply to the residents of H/West and H/East and to Chembur residents in 'M' Ward.

The three features introduced in the Journal, viz', Bombayana researched by Dr. Aroon Tikekar, 'Featuring Productivity' and the List of Municipal Councillors and Municipal Elections since 1873, were also continued during the year under review.

The Diwali Number of the Journal contained articles and features written by prominent writers on various subjects which had a bearing on civic problems. Articles on Pollution Problem, population growth, public health problems, urban ills, etc. written by Indian and Foreign writers were published regularly in other issues of the Journal.

The Journal also enlightened the readers on various projects and programmes of the Corporation and other important events which included Civic Reception to the President of India and Shri J.R.D. Tata, World Health Day Celebrations, Teachers and Nurses Awards, Clean Bombay, Green Bombay Competition, Felicitations to Lord Mayor of London, Family Welfare Programme of the Corporation, Golden Jubilee of Gujarati Cinema, Felicitations to Marathi Artists and other subjects of civic interest.

BACKWARD CLASS CELL

The Backward Class Cell has been created under the control and supervision of Dy. Municipal Commissioner (P). with a special officer in charge of the Cell with a view to checking whether the Government policies with regard to reservation of vacancies for Backward Class communities as per prescribed percentage in the matter of recruitment and at the stage of promotion are being effectively implemented in the Corporation.

During the year under report, inspection of M.M.P. was taken in hand and is in process.

During the inspection proper guidance regarding 100 point roster and 50 point roster for the purpose of recruitment and promotion respectively is given to the departments. Similarly the departments are advised the sources from which suitable B.C. candidates may be obtained in case of non-availability of the same inspite of advertising the vacancies. Periodical inspections are taken to see that suggestions, instructions issued at the time of Inspection are followed and backlog is wiped out while filling future vacancies by the departments.

Besides, the department collects periodical and other information regarding recruitment and promotion of Backward Classes from various departments of the Corporation as required by the Government from time to time. Similarly, Six-monthly reports regarding appointment of Backward Class persons by recruitment and promotion in the Corporation are also submitted to the Corporation.

During the year under report as required by the Committee on the welfare of D.T./N.T., the information regarding percentage of D.T./N.T. in the service of the Corporation was collected and submitted to the Government.

During the year under report, 173 proposals involving the question of reservation were referred to the Cell for advice, scrutiny etc.

35 complaints and grievances of Backward Classes employees about the reversion, promotion seniority etc., were attended to by the department.

Ward Officer (Special Officer for Backward Classes) serves as a member on the panel of recruitment of Apprentice clerks, teachers, etc.

I. L. DARJI,

WARD OFFICER

(Special Officer for Backward Classes)

Vigilance Branch of Engineering Department

SPECIAL TECHNICAL UNIT :—

The Special technical Unit under the Executive Engineer (Vigilance) is a branch of the Municipal Commissioner's Establishment. At present, the E. E. (V.) is assisted by three A. E.s, three S.E.s. and other administrative staff.

This unit gives surprise visits to works in progress of all Municipal departments to determine whether the works are being executed as per the approved design and specifications. One A. E. and one Sub-Engineer are engaged in checking the works carried out through P. W.C.'s in all wards.

In addition, this unit keeps a watch over all technical matters. Besides this, the unit examines complaints of technical nature forwarded by the M. C. or received from the Councillors and public.

The unit functions as a co-ordinating agency among the different units of the Engineering Sections and assists the Administration in matters requiring policy revision and implementation thereof. It also keeps a watch on the results arrived at the materials testing laboratory where the building materials, and the cubes of cement concrete are tested and also on the results of checking of samples of hot mix asphalt macadam and asphalt concrete used on Municipal works at the asphalt testing laboratory. Whenever considered necessary, this unit suggests hammer tests and load tests on construction works.

Some of the details of the work done during the year 1982-83 are as follows :—

(1) Number of visits paid to Municipal Works :—

| | | | | |
|--|-----|-----|-----|-----|
| (a) Building Construction Works | ... | ... | ... | 136 |
| (b) Road Construction Works | ... | ... | ... | 71 |
| (c) Water supply and S. D. Works | ... | ... | ... | 42 |
| (d) Slum Improvement Works | ... | ... | ... | 26 |
| (e) P. W. C. Works | ... | ... | ... | 310 |
| (2) Number of final bills checked | ... | ... | ... | 81 |
| (3) Number of Miscellaneous visits | ... | ... | ... | 38 |
| (4) Number of cases investigated and examined, referred by the M. C., D. M. C. and C. E. | ... | ... | ... | 63 |

- (5) Amount of recovery from the Civic Contractors by way of detection of excess payment, penalties imposed on sub-standard works, etc. pointed out at the time of checking the works in progress and/or while checking the final bills.

Rs. 10,50,997.37

S. K. DHARAP,
Executive Engineer (Vigilance).

LABOUR DEPARTMENT

High Lights :-

| | | |
|--|---------|-------------|
| (1) Expenditure — | | |
| (i) Establishment | ... Rs. | 8,19,819.00 |
| (ii) Other than Establishment | ... Rs. | 2,85,564.00 |
| (2) Recognised Unions | .. | 39 |
| (3) Joint Councils | .. | 9 |
| (4) Welfare Centres | .. | 49 |
| (5) Grievances attended | .. | 17,930 |
| (6) Average daily attendance of Welfare Centre | .. | |
| (i) Adults | .. | 4,613 |
| (ii) Children | .. | 4,627 |

Trade Unions :-

The Trade Union activities among Labour and other staff members were mostly confined to 39 unions recognised by the Municipal Commissioner as per rules and covered about 52,000 members.

Labour Relations :-

With a view to promote cordial relations between the employees and the Administration the following steps were continued :-

(i) **Grievance procedure** :- Recently a Grievance Committee has been set up to discuss the problems of all the departments and wards as well as individual grievances. The Committee consists of L.O. as the Chairman, O. & M.O. II (M.C.) and the concerned Head of the Department /Ward or his representative. Whenever the meetings of the Grievance Committee are held the representative of the concerned union and the employees remain present. Such meetings are held periodically in L.O.'s chamber. Efforts are made by the Committee to settle the grievances existing at the shop/unit level not involving policy matters.

(ii) **Individual Grievances** :- The grievances from the individual employees and the unions are received directly to this department and the representatives of this office are attending the same.

These grievances are of various nature as stated under :-

- (1) Recruitment and retrenchment.
- (2) Promotions, Transfers, Confirmation and annual increments.
- (3) Fines, Reversion, Suspensions, Removals, Dismissals and other punishments.
- (4) Delay in payment of wages (wages of leave, O.T. etc.) and Allowance.
- (5) Delay in settlement of provident fund and other Retirement benefits.
- (6) Non Supply of equipments and uniforms.
- (7) Delay in sanctioning leave due.
- (8) House rent, accommodation and transfers of quarters.

Disputes :-

During the year under report 10 disputes were referred to the various authorities such as Govt, Labour Officer, Asstt. Commissioner of Labour, Commissioner of Labour, Conciliation Officer, Labour/Industrial Courts etc. Out of these 10 disputes, 3 disputes were referred to the Asstt. Commissioner of Labour/Govt. Labour Officer. The remaining 7 disputes were referred to the Labour /Industrial Courts and 2 have been decided and the remainings are still pending. As regards the cases referred to the Asstt. Commissioner of Labour/Govt. Labour Officer 2 have been settled and the other one is still pending (see Appendix 'A').

Scholarships to the children of the Municipal employees :- During the year 1982-83, 665 applications for scholarship were received in this department, out of them 592 applications for scholarship were sanctioned. Three scholarships were granted to the applicants for Engineering and Medical Degrees, 180 for College Courses including Diploma Course, 243, for Higher secondary Education and 166 for Secondary Education. The total amount paid by way of scholarship to the Municipal employees was Rs. 94,710.00.

Medical Assistance Scheme to the Municipal Employees :- Under the above scheme 61 deserving employees suffering from T.B. and other diseases were given Medical Assistance amounting to Rs. 9,975.00. Under the New Scheme for grant of Medical Assistance during Major illness, 38 deserving employees were given the Medical Assistance amounting to Rs. 50,345.75 for Municipal employees and the direct dependants of the Municipal employees during the year under report.

A New Scheme of granting Immediate Cash Assistance of Rs. 500.00 each, for the direct dependant of the Municipal employees who die while in service has been sanctioned by the Corporation vide their Resolution No. 1277, dated the 11th December 1980 and 300 direct dependants of the deceased Municipal employees have been given assistance under this scheme and the total amount disbursed was Rs. 1,50,000.00 during the year under report.

Inter Ward/Inter Departmental Dramatic Competitions :— 27 Departments participated in the Inter Ward/Inter Departmental Dramatic Competitions held at the Birla Kreedha Kendra.

First three dramas were awarded the rotating trophies. One consolation prize was also awarded to the fourth drama. Prizes of Rs. 251.00 each were awarded to the Best Actor, the Best Actress, the Best Director, the Best Art Director and for the Best Lighting arrangement and 50 Consolation Prizes of Rs. 51.00 each were awarded for acting. Three Consolation Prizes were also awarded for lighting, direction and setting.

The prize winning departments and individual Best Prize Winners are as follows :—

| | | |
|-----------------------------|-------------------------|---------------------------|
| Frist Prize for Drama | .. Health Deptt. | .. 'Guru' |
| Second Prize for Drama | .. (1) F/South Ward | .. 'Gidhade' |
| | .. (2) L.T.M.G. Hosp. | .. 'Akrandan Eka Mateche' |
| Third Prize for Drama | .. Dy. A. & C. (Octroi) | .. 'Talayat Malayat |
| Consolation Prize for Drama | .. P/North Ward | .. 'Ekhadayache Nashib' |

Individual Best Prize Winners :—

| | | |
|--------------------------------|-------------------------------|------------------------------|
| Best Director | .. (1) Dr. Anil Bandivadekar | .. Health Deptt. 'Guru' |
| | .. (2) Shri Datta Jadhav | .. L.T.M.G. Hospital |
| Consolation Prize in Direction | Shri Vithal Jadhav | .. 'Akrandan Eka Mateche' |
| Best Actor | .. (1) Dr. Shyam Borkar | .. 'B' Ward |
| | | .. 'Begam Barve' |
| | .. (2) Shri Jaikrishna Shinde | .. Health Deptt. |
| | | .. 'Guru' |
| Best Actress | .. (1) Smt. Rekha Nare | .. G/South Ward |
| | | .. 'Keerwant' |
| | .. (2) Smt. Pratibha Bhirangi | .. L.T.M.G. Hospital |
| | | .. 'Akrandan Eka Mateche' |
| Best Art Director | .. (1) Shri Samrat Surve | .. F/South Ward |
| | .. (2) Shri Vinay Shete | .. 'Gidhade' |
| Best Light Effects | .. (1) Shri M.K. Chavan | .. P/South Ward |
| | .. (2) Shri V.M. Phadke | .. 'Shitu' |
| Best Background Music | .. Shri Bhalchandra Deshumkh | .. H. E. |
| Best Live Music | .. Pandit Lahu Amberkar | .. 'Nayanam Dahati Pavakoha' |
| | | .. Health Deptt. |
| | | .. 'Guru' |
| | | .. A—Ward |
| | | .. 'Devnavri' |

Shri D. M. Sukthankar, Municipal Commissioner distributed the Prizes.

Recruitment of Telephone Operators Section :— The work of recruitment, promotion, confirmation of Telephone Operators is entrusted to this department from 1st October 1980.

During the year under report :—

- (1) 10 Telephone Operators 'B' grade are appointed.
- (2) 9 Telephone Operators 'B' grade are promoted as 'A' grade.
- (3) About 7 Telephone Operators 'B' grade are regularised.

Welfare Branch :— 49 Welfare Centres are run by this department. On an average daily attendance of the Adult Male/Female participants and children at the different Welfare Centres is 4613 and 4627 respectively. The regular activities conducted at the different Welfare Centres are as under :—

For Women & Girls :— Sewing, Embroidery, Knitting, Cooking, Handicraft, Indoor and outdoor games, Music, Dance etc.

For Boys & Adults :— Indoor and outdoor games, Gymnasium, Dramatics Debating etc.

In addition to the above Inter Centre Tournaments, Competitions and other centralised activities are conducted as mentioned below :—

(i) Inter Centre Tournaments and Competitions :— Volley Ball, Carrom, Kabaddi, Table, Tennis, Boxing Tournaments, Rangoli and Elocution Competitions were held during the year.

(ii) Inter Centre Dramatic Competitions :— Inter Centre Dramatic Competitions were held at the Balgandharva Rang Mandir, Bandra, in the month of February 1983 and the function of Prize distribution of the Competition was held at the same place when the Trophies were awarded to the first three dramas and the cash prizes were given to the best Actor, Actress, Supporting Actor, Actress and Director and 21 consolation prizes were also given to encourage the artists. Shri V. D. Vaidya, Deputy Municipal Commissioner (P) distributed the prizes.

(iii) Films shows :— Documentary and full length films of the Educational and Social importance were shown daily at different Welfare Centres during the year.

(iv) Daily Attendance :— The average daily attendance of Adult and Children at the different Welfare Centres during the year was 4613 adults and 4627 children.

(v) Excursion for Nursing Staff :— The excursion for Nursing Staff was organised in the month of April 1983 to Bangalore, Mysore, Ooty and Coonoor. 43 Nurses of different Hospitals and Maternity Homes participated in the excursion.

(vi) Band Activities :— Scouts Band is organised at the Walpakhadi Welfare Centre and Brass Band is organised at Umarkhady Welfare Centre.

(vii) Balwadi :— Six Balwadies are conducted at the Bapty Road, Palton Road Colaba and Chembur, and 1 Gujrathi and 1 Marathi at Gautam Nagar Municipal Conservancy Chawls at Dadar. Nearly 260 children of the Municipal Employees took advantage of the Balwadies.

(viii) Different Functions :— Combined Ganpati Festival was organised at G.T.B. Hospital Welfare Centre. Cultural items were presented during the festival and the prizes were distributed to the participants for taking part in the programmes. Haldi Kumkum functions were organised at 35 centres and Buddha Jayanti functions were organised at 8 Welfare Centres. The National Days such as 26th January and 15th August functions were also celebrated at all Welfare Centres.

(ix) Television sets :— 38 Television sets had been provided to 38 Welfare Centres under the Contributory Community T. V. Scheme through the Director of Rural Broadcasting, Government of Maharashtra for the benefits of the participants of the centres.

(x) Yoga Kendra :— A Yoga Kendra at Municipal Head Office was conducted for the benefit of Municipal employees. 120 participants have taken advantage of the Yoga classes during the year under report.

A new Yoga Kendra was also started in 'M' Ward for the benefit of the Municipal employees working in offices in the Eastern Suburb from January 1982.

N. G. KALME,
Labour Officer.

APPENDIX 'A'

Disputes referred to the Government Labour Officers during the year 1982-83.

| Serial No. | Name of the Union | Department concerned. | Categories attached. | Referred to | Nature of Disputes. |
|------------|---|-----------------------|--|-----------------------------------|---|
| 1 | Municipal Mazdoor Union | C.E. | .. Dressor/ Drahtsman. | Asstt. Commissioner of Labour. | Notice of change, pre- scribing the qualification etc. |
| 2 | Municipal Mazdoor Union | S.W.M. | Sweepers. Conervancy. | .. Industrial Tribunal | Submission of Joint Application under Section 10(2) of I.D. Act. |
| 3 | Municipal Mazdoor Union. | C.E. | .. Mukadam | .. Labour Court | .. Change of Birth Date of Shri S. B. Rane. |
| 4 | Bombay Municipal Executive Staff Union. | E.O. | .. Supervisor Night School. | Asstt. Commissioner of Labour. | Grant of additional increment for passing L.G.S. Examination. |
| 5 | Bombay Municipal Subordinate Staff Union. | All Depart- ments. | Head Clerks, Clerks and Sub- Clerical Staff. | Industrial Tribunal | Case of Amendment of Municipal Service Con- duct and Disciplinary Rule No. 23. |
| 6 | Municipal Workers Union. | H.E. | .. Mechanic | .. Labour Court | .. Reinstatement with backwages. |
| 7 | Individual .. | .. Rajawadi Hosp. | Dressor | .. Government Labour Officer. | do. |
| 8 | Individual .. | .. S.O. | .. Security Guard | Labour Court | .. Shri B. T. Auti, under Section 33(2)(b) of the I.D. Act. |
| 9 | Individual .. | .. do. | do. | do. | Shri S. S. Gawade, under Section 33(2)(b) of the I.D. Act. |
| 10 | Individual .. | .. W.O. Estate | .. Rent Collector | Industrial Tribunal | Section 33(2)(b) of the I.D. Act. |

LEGAL DEPARTMENT

1982-83.

Legal Department deals with all the litigations filed by or against the Corporation in various Courts and Tribunals. In addition to this, the Department gives opinion to various departments of the Corporation on the references made to it. Legal Department also does the work of drafting Conveyance and other legal documents. It also deals with all other legal matters pertaining to the Corporation.

The details are given below :—

| | Outstanding at the close of last year. | Received during the year under Report | Total | Disposed during the year under report. | Balance at the end of the year under report |
|--|--|--|-------|---|--|
| I—Supreme Court | | | | | |
| Appeals. | .. 42 | 17 | 60 | 6 | 54 |
| II—High Court: | | | | | |
| (1) First Appeal : | .. 270 | 45 | 315 | 42 | 273 |
| (2) Appeals from Order. | .. 182 | 306 | 488 | 162 | 326 |
| (3) Letters Patent Appeals. | .. 14 | 3 | 17 | 5 | 12 |
| (4) Civil Applications. | .. 320 | 265 | 585 | 202 | 383 |
| (5) Civil Revision Applications. | .. 10 | 8 | 18 | 6 | 12 |
| (6) Writ Petition. (Appellate Side) | .. 60 | 27 | 87 | 17 | 70 |
| (7) Long Causes Suits. | .. 108 | 27 | 135 | 5 | 130 |
| (8) Arbitration Suits. | .. 9 | 2 | 11 | .. | 11 |
| (9) Insolvency matters and company petitions .. | 104 | 31 | 135 | 28 | 107 |
| (10) Appeals before Division Bench. (O. S.) .. | 97 | 33 | 130 | 17 | 113 |
| (11) Writ Petitions. (O. S.) .. | 1126 | 292 | 1418 | 102 | 1316 |
| (12) Pauper Petitions. | .. .. | .. | .. | .. | .. |
| (13) Notices of Motion. | .. 18 | 44 | 62 | 24 | 38 |
| (14) Land Acquisition References. | .. 59 | .. | 59 | .. | 59 |
| (15) Allahabad High Court Insolvency matters. | .. 1 | .. | 1 | 1 | .. |
| (16) Jodhpur High Court Insolvency matters. .. | 1 | .. | 1 | 1 | .. |
| III.—City Civil Court : | | | | | |
| (1) Suits filed by the Corporation .. | 40 | 1 | 41 | .. | 41 |
| (2) Suits filed against the Corporation. .. | 2706 | 1397 | 4103 | 980 | 3123 |
| (3) Miscellaneous Appeals. | .. 134 | 34 | 168 | 19 | 149 |
| IV.—Small Causes Court : | | | | | |
| (1) Suits filed by the Corporation. .. | 32 | 4 | 36 | 6 | 30 |
| (2) Suits filed against the Corporation. .. | 149 | 29 | 178 | 21 | 157 |
| (3) Garnishee notices. | .. .. | 5 | 5 | 3 | 2 |
| (4) Notices in Suits. | .. 25 | 13 | 38 | 18 | 20 |
| (5) Full Court Applications | .. 2 | .. | 2 | .. | 2 |
| (6) Licence Appeals. | .. 138 | 27 | 165 | 34 | 131 |
| (7) Set-back Appeals. | .. 11 | .. | 11 | .. | 11 |
| (8) Appeals against rateable value. | .. 2413 | 325 | 2738 | 69 | 2669 |
| (9) References under Section 503 of the B.M.C. Act. | .. 159 | 42 | 201 | 34 | 167 |
| V.—Labour and Industrial Court : | | | | | |
| (1) Labour Court Applications, Workmen's compensation and Authority under payment of wages Act. .. | 28 | 10 | 38 | 19 | 19 |
| (2) Motor Accidents | .. 71 | 31 | 102 | 17 | 85 |
| VI.—Police Court : | | | | | |
| (1) Case under B.M.C. Act. in Metropolitan Magistrates courts. .. | 52770 | 23595 | 76365 | 24007 | 52358 |
| (2) I. P. C. cases. | .. 17 | 31 | 48 | 5 | 43 |
| (3) P. F. A. cases. | .. 226 | 59 | 285 | 11 | 274 |
| (4) Traffic. | .. 16 | 14 | 30 | 14 | 16 |
| (5) Cruelty to Animals Act. | .. .. | .. | .. | .. | .. |
| (6) Cases under Section 515 of the B.M.C. Act. | .. 51 | 18 | 69 | 3 | 66 |
| (7) Lunatic matters in Bombay and Pune. | .. 10 | 4 | 14 | 3 | 11 |
| (8) Charity Commissioner Matters. | .. 1 | .. | 1 | .. | 1 |
| (9) Co-operative Court matters. | .. 2 | 2 | 4 | 1 | 3 |
| (10) Supreme Court Appeals. | .. 1 | .. | 1 | .. | 1 |
| (11) Contested cases under B. M. C. Act. | .. 23 | .. | 23 | .. | 23 |
| (12) M. R. T. P. Act. | .. 53 | 3 | 56 | .. | 56 |
| (13) Tree cutting. | .. 1 | 7 | 8 | 3 | 5 |
| (14) High Court Appeals. | .. 13 | 8 | 21 | 3 | 18 |
| (15) Criminal Revision Applications. (High Court) | .. 31 | 22 | 53 | 11 | 42 |
| (16) Sessions Court Appeals | .. 31 | 36 | 67 | 16 | 51 |
| (17) Criminal Revision Applications (Sessions Court) | .. 44 | 18 | 62 | 12 | 50 |
| (18) Shops & Estt. Act. | .. 10 | 14 | 24 | 9 | 15 |
| (19) Sium Tribunal. | .. 1 | .. | 1 | .. | 1 |
| (20) Criminal Procedure Code | .. 2 | .. | 2 | .. | 2 |
| (21) Total amount of fine recovered. | .. | .. | .. | .. | .. |

..Rs. 24,56,311.75 P.

VII.—Municipal Enquiries Courts :
(Section 105B of the B.M.C. Act).

| | | | | | | |
|---|------|----|----|----|----|------|
| (1) Cases pending as on 1-4-1982. | .... | .. | .. | .. | .. | 4222 |
| (2) New cases referred to Enquiry Officers from 1-4-1982 to 31-3-1983 | .. | .. | .. | .. | .. | 6542 |
| (3) Total number of cases disposed of during the year under report. | .. | .. | .. | .. | .. | 8194 |
| (4) Cases pending as on 31-3-1983. | .. | .. | .. | .. | .. | 2570 |

VIII.—Documents Completed during the year :

| | | | | | | |
|--|----|----|----|----|----|------|
| (1) Conveyance.. | .. | .. | .. | .. | .. | 10 |
| (2) Agreements for handing over possession. | .. | .. | .. | .. | .. | 20 |
| (3) Certificates of Sale | .. | .. | .. | .. | .. | 16 |
| (4) Deed of Exchange. | .. | .. | .. | .. | .. | 3 |
| (5) Deed of Rectification. | .. | .. | .. | .. | .. | 3 |
| (6) Agreements. | .. | .. | .. | .. | .. | 51 |
| (7) Indemnity Bond. | .. | .. | .. | .. | .. | 39 |
| (8) Cases for Compensation for set back (Sub). | .. | .. | .. | .. | .. | 13 |
| (9) Cases for compensation of set back City. | .. | .. | .. | .. | .. | 21 |
| (10) Advice matters in respect of stamp Duty, Town Planning, set-back, P. F. Claims, Agreement, Lease matters. | .. | .. | .. | .. | .. | 1607 |
| (11) Indenture of Mortgage and Deed of Receipts (Municipal Housing Society) | .. | .. | .. | .. | .. | 28 |
| (12) Further charges (Municipal Housing Society). | .. | .. | .. | .. | .. | 7 |
| (13) Appeal matters in respect of C. T. S. R. T. S. Charity Commissioner, sales Tax, Tribunals etc. | .. | .. | .. | .. | .. | 59 |
| (14) Deed of Transfer | .. | .. | .. | .. | .. | 6 |
| (15) Assignment. | .. | .. | .. | .. | .. | 61 |
| (16) Indemnity Bond. | .. | .. | .. | .. | .. | 33 |
| (17) Draft Lease | .. | .. | .. | .. | .. | 22 |
| (18) Draft Licence and Deed of Covenant. | .. | .. | .. | .. | .. | 29 |
| (19) Power of Attorney | .. | .. | .. | .. | .. | 03 |
| (20) Probate | .. | .. | .. | .. | .. | 8 |
| (21) Declaration. | .. | .. | .. | .. | .. | .. |
| (22) Letters of Administration. | .. | .. | .. | .. | .. | 06 |
| (23) Appointment of New Trustees. | .. | .. | .. | .. | .. | 6 |
| (24) Drafting Legal Notices | .. | .. | .. | .. | .. | 22 |
| (25) Release Deed. | .. | .. | .. | .. | .. | 2 |
| (26) Partition Deed. | .. | .. | .. | .. | .. | 3 |
| (27) Consent Terms. | .. | .. | .. | .. | .. | .. |
| (28) Gift Deed. | .. | .. | .. | .. | .. | .. |
| (29) Sale Certificate. | .. | .. | .. | .. | .. | 2 |
| (30) Partnership Deed. | .. | .. | .. | .. | .. | 2 |
| (31) Draft Licence to Assign. | .. | .. | .. | .. | .. | 10 |
| (32) Consent Decree. | .. | .. | .. | .. | .. | 5 |
| (33) Agreement. | .. | .. | .. | .. | .. | 2 |
| (34).—References received from other Departments and parties. | .. | .. | .. | .. | .. | 315 |

Smt. M. V. SHETTY.
Law Officer.

CENTRAL STORES

SALIENT FEATURES :—

The Stores Department acts as a Central Purchasing and Stores Agency of the Corporation for procuring, storing and supplying various items to all the departments. There are about 267 schedules covering 3,000 items. The purchases are made by inviting tenders by Public Advertisement and/or by circular letters to the known dealers.

The transactions made during the year under report are shown below in the Statement 'A'.

During the year under report the expenditure incurred on Establishment was Rs. 17,79,228, Advertisement Rs. 1,20,539 Printing and Stationery Rs. 45,027 Misc. viz. Clothing, Books and Dead Stock etc. Electricity & Telephone Charges Rs. 82,279 and Maintenance and Repairs was Rs. 15,100.

During the year all together tenders invited were 257, Quotations invited were 88, Contracts executed were 256 and Purchase orders placed were 3814.

During the year 188 notices were served on defaulting suppliers and in 3 cases tender deposits were forfeited. for delayed supplies penalties were also recovered as per terms of contracts.

During the course of the year, scrap and unserviceable articles valued at Rs. 19,494.54 were disposed off by sale.

FUTURE PLANNING

The Central Stores is working on manual system and there is no effective control on stock levels; at the ward stores and other departmental stores. In order to achieve this objective and to optimise investment in material, it has been decided to computerise the stock accounting, inventory control and suppliers accounting and the activities will be segregated in separate wings. In the final phase of computerisation, the stores activities viz. Purchase function, Stores function, material planning and inventory control function and accounting function will be segregated in separate wings and the ward stores and other departmental stores will be brought under the control of the Central Stores Department.

As a first phase, all the 26 ward stores are proposed to be taken over under the Main stores at Byculla for inventory control purposes and the staff in substores will continue to work under the control of the respective Ward Officers as at present. Master files for the main Stores and the Ward Stores are ready and Data Processing Unit is busy preparing computer formats. It is proposed to start computerisation from 1st April 1983 in the first phase.

STATEMENT 'A'

Showing the transactions made during the year 1982-83

| Particulars | Capital Stores | | General Stores | | Total of Columns 2 & 3 | |
|---|----------------|----------------|----------------|---|------------------------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. P. | Rs. P. | | Rs. P. | |
| Value of stores as on 1st April 1982 .. | | 34,21,786.32 | 74,43,919.65 | | 1,08,65,705.97 | |
| Add Value of stores received including transfers during the year 1982-83. | | 7,45,44,646.60 | 2,43,28,273.74 | | 9,88,72,920.34 | |
| | | 7,79,66,432.92 | 3,17,72,193.39 | | 10,97,38,626.31 | |
| Less—Value of stores issued including transfers during the year 1982-83. | | 7,26,26,054.20 | 2,41,62,484.70 | | 9,67,88,538.90 | |
| Closing Balance as on 31st April 1983 .. | | 53,40,378.72 | 76,09,708.69 | | 1,29,50,087.41 | |
| Average annual inventory .. | | 43,81,082.50 | 75,26,814.00 | | 1,19,07,896.50 | |
| Ratio of Average inventory level to monthly Issue. .. | | 0.724 | 3.738 | | 1.476 | |

J. D. PRADHAN,
Controller of Stores.

ADMINISTRATIVE OFFICER (ENQUIRIES)

This Department carries out the following functions :—

- (a) Investigation of complaints against Municipal employees of corruption malpractices, defalcation, misappropriation and other serious misconducts.
- (b) Conduct of Departmental Enquiries against the Municipal Employees.
- (c) Giving advice and instructions in the matter of investigations and Departmental Enquiries to the other Departments.
- (d) Work pertaining to the installation of telephones at the various municipal offices and residence of Municipal officers.

2. During the year, the Deptt. conducted 955 investigations, paid 832 surprise visits to various municipal institutions and mustering places and disposed of 6038 papers of miscellaneous nature including some important cases of confidential nature.

The details of investigations are as under :—

| | |
|---|-----|
| (a) Cases of alleged acceptance of illegal gratification and misappropriation of Municipal money. | 62 |
| (b) Cases of irregularities of major nature. | 237 |
| (c) Cases of irregularities of minor nature. | 656 |
| | 955 |

In all 782 departmental enquiries were held in which prima facie cases were established

The details of action taken are as under —

| | |
|---|-----------|
| 1. Dismissal | Ni |
| 2. Removal | 2 |
| 3. Withholding of increments | 266 |
| 4. Fines imposed | 298 |
| 5. Censure, Caution warning etc. | 119 |
| 6. Demotion | 3 |
| 7. Suspension for 3 days | 120 |
| 8. Recovery on account of loss to the Corporation | 47 |
| 9. Exonerated as the charges were not proved | 25 |
| | Total—880 |

A total amount of Rs. 32,110 was distributed to the victims of fire, flood, House collapse etc., from the Mayors Fund Relief Committee.

A few important cases.

(1) On a reference regarding a suspicion of excess payment in respect of the work of improvement of Common House Gullies in City limits under the Supervision of Dy. C. E. (C. H. Gs.) the matter was investigated when it was prima facie revealed that excess payment of Rs. 12,79,088 was made against 4831 challans to 24 Contractors for transporting 4831 truck-loads of filthy material to Deonar Dumping Ground during the period from Dec., 1980 to July 1981, although no such work was done. Departmental Enquiries were ordered against the staff concerned viz. Sub. Engineers, Jr. Engineers and Mukadams totalling 24 who were prima facie found guilty.

(2) Irregularities of serious nature were detected in the M. W. Desai Memorial Municipal General Hosp., Malad (East) while purchasing non-scheduled items. The matter was entrusted to the A. O. (E)'s Deptt., for further investigations which revealed a clear cut prima facie case of misconduct against the A. M. O. concerned 1 Pharmacist, 1 Head Clerk and 1 clerk of the concerned Hospital, 3 Asstt. Accountants and two clerks working in the Accounts Unit of P/North Ward Office. The case is further being probed to assess whether any criminal conspiracy existed between the concerned staff and the firms supplying the articles to the Hospital.

(3) Raids were also arranged to detect and minimise the evasion of octroi duty and in four successful raids a sum of Rs. 57,078 was recovered.

(4) During a surprise raid in the vicinity of Dahisar Octroi Check Naka, a vehicle unauthorisedly carrying 31 goats was intercepted and the 31 goats were confiscated and were disposed of by auction thereby realising an amount of over Rs. 5,600'.

K. R. DIXIT,
Administrative Officer (Enquiries)

BOMBAY MUNICIPAL SECURITY FORCE

SALIENT FEATURES :—

I—Income & Expenditure—

| | | | | | |
|------------------|-----|-----|-----|-----|--------------------|
| (i) Income | .. | ... | ... | ... | Nil. |
| (ii) Expenditure | ... | ... | ... | ... | Rs. 2,34,56,288.94 |

II—Departmental Enquiries completed

From 1-7-1977, Departmental Enquiries are transferred to Administrative Officer (Enquiries). However, the departmental enquiries pending with this deptt. to that date are completed by the Asstt. Security Officers.

| | | | | | |
|---|-----|-----|-----|-----|-------------|
| Preliminary Enquiries completed | ... | .. | ... | ... | 290 |
| III—Theft etc. cases reported | ... | ... | ... | ... | 339 |
| IV—Value of Municipal property involved | ... | ... | ... | ... | 2,22,285.74 |
| V—Cases detected | ... | ... | ... | ... | 63 |
| VI—Value of property recovered | ... | ... | ... | ... | 1,65,619.95 |

VII—Formation of a Security Cell for Water Supply & Sewerage.

Department Installations : There are 3088 men working on the Establishment of Security Force. A separate Security wing for guarding the installations of Water Supply & Sewerage Department has been formulated. This Unit is functioning under the administrative control of Security Officer, and functional control of Ch. Engineer (C. S.).

The main work of the Security Force is protection of Municipal property against theft pilferage etc. as also to conduct preliminary enquiries into cases of theft pilferage, misbehaviour, assaults etc.

The Security Asstts. have completed 290 preliminary enquiries during the year, in the cases, of desertion of duty, sleeping while on duty, unauthorised absence from duty for long periods, theft pilferage and assaults etc.

The Classification of the Preliminary Enquiries is as under :—

| Cases of desertion of duty sleeping while on duty unauthorised absence etc. | Theft and pilferage Cases. | Other cases such as assault, misbehaviour | Total |
|---|----------------------------|---|-------|
| 214 | 33 | 43 | 290 |

The work of theft cases detected and the recovery of stolen property is tabulated below :—

| | Total No. of cases. | Property lost | Cases detected. | Property recovered. |
|----------|---------------------|---------------|-----------------|---------------------|
| | | Rs. | | Rs. |
| Hospital | .. 82 | 1,60,987.45 | 31 | 1,58,083.45 |
| Others | .. 232 | 61,298.29 | 32 | 7,536.50 |
| Total | .. 314 | 2,22,285.74 | 63 | 1,65,619.95 |

The Security Force has also been engaged in special Bandobast at Corporation Meetings at the Corporation Hall, The Officers of the Security Force are called on Special Duty round the clock in case of emergencies like "Strikes", Bandh etc.

The Security Force participates in Flag Salutation Ceremony on the Republic Day and Independence Day every year when special staff is called for parade.

The Security Force has got its own Training School and during the year 82 Security Guards (Including Recruits) were imparted training:

The Bombay Municipal Security Force has organised its own Band Unit. It gives its programme on Sundays in Public Parks and Gardens as required by the Garden Supdt.

There were 3088 men working on the Establishment which includes Officers, Subordinates and Labour Staff. The Security Force recruited 123 candidates as Security Guards during the year.

V. T. DAVARE
Security Officer

MUNICIPAL PRINTING PRESS

HIGH LIGHTS :

(1) Expenditure :

(a) Establishment Rs. 61,25,148.

(b) Other Items Rs. 62,03,605.

(2) Jobs : (a) Printing 7246.

(b) Supply of Stationery 2,009.

(3) Printed pages for Corporation and their various Committees 47,819

(4) Amount Charged :- (a) To Department Rs. 1,15,15,304 (b) To Private Parties Rs. 1,14,349.

During the year, the Press carried out 7246 printing jobs both Department and Private in addition to supply of Stationery jobs at a total cost of Rs. 1,15,15,304. Department undertook 36 Private Printing Jobs and 5 jobs of stationery and earned Rs. 1,14,349. There was a working loss of Rs. 3,17,070 against the last year's surplus Rs. 6,73,718. In order to meet the requirements, department purchased 431 Metric Tons of various kinds of paper from the market and consumed total quantity of 473. Metric Tons which included old stock.

The comparative statement of jobs carried out and paper consumed during 1981-82 and 1982-83 is furnished below :

Statement I (Jobs carried out)

| Description | 1981-82 | | 1982-83 | |
|---------------------------------|---------|-------------------|---------|-------------------|
| | Jobs | Pages | Jobs | Pages |
| (i) Departmental (Printing) | 10227 | .. | 7210 | .. |
| (ii) Departmental (Stationery) | 1949 | .. | 2004 | .. |
| (iii) Private Parties Printing | 21 | .. | 24 | .. |
| (iv) Private Parties Stationery | 4 | .. | 5 | .. |
| (v) B. E. S. & T. Undertaking | 12 | .. | 12 | .. |
| (vi) Corporation & Committees | .. | 39337 E 8920 M | .. | 32146 E 8320 M |
| (vii) Corporation Record | .. | 15223 E 3574 M | .. | 5952 E 1461 M |

('E' denotes English and 'M' denotes Marathi.)

Statement II (Paper consumed).

| Description | 1981-82 | | 1982-83 | |
|-------------------|---------------|-------------------|---------------|-------------------|
| | Rate per Kgs. | Quantity in M. T. | Rate per Kgs. | Quantity in M. T. |
| (i) White | Rs. 9.62 | 349 | Rs. 8.48 | 273.1/2 |
| (ii) Nepa | 6.36 | 59.1/2 | 6.68 | 142.1/4 |
| (iii) Other kinds | 10.09 | 170 | 9.74 | 57.1/4 |
| Total | | 578.1/2 | | 473 |

Certain jobs were carried out through Outside Agencies at a cost of Rs. 95,867/- as against Rs. 1,11,521/- in the previous year. In addition to regular work, the Press carried out printing of (i) Marathi Budget and Establishment Schedule comprising 2760 pages and (ii) Budget 'G' both Marathi and English in time against heavy odds.

In response to the Incentive Bonus Scheme for C. L., 45 workers responded as against 49 in the previous year. The Press is working in two shifts with a total strength of the 475 workers as on 28th February 1983 against 488 as on 28th February 1982. 37 Apprentices under Apprenticeship Act 1961 were engaged in this year as against 37 on 28th February 1982. The labour relations were very cordial and their grievances were redressed on spot wherever practicable.

As the present premises at Carnac Bridge is not adequate to meet the print requirement of the Corporation, extension of the present building was taken in hand which is in progress to the Southern Side. The same is likely to be completed by the end of this year.

Messrs. Printing Consultancy Services, whom the Corporation had appointed as consultants to suggest the lines on which the Municipal Printing Press should be re-organised have suggested a change over from the existing letter press or hot metal process to the Offset Printing Technology. To implement the suggestion, the Press has imported one 'Photo Composing Machine' equipped with one 'Off line Key Board for working in English and Devnagari. The machine has already been put into commission. One Web Offset machine modal RO-62 has also been put into commission. Plans for additional Printing Press at Chembur have been finalised in consultation with Messrs. Printing Consultancy Services and the same have been sent to the Government of Maharashtra for their approval to extra F. S. I. required to house the entire new Press under one roof.

The Press is also importing one Rank Xerox 7000 Machine from Singapore which will be used for printing Corriganda and Addenda to the Draft Word Roolls for Municipal Election as also for other work of the Corporation. This is the first time in the history of the Corporation that the entire Corriganda and Addenda to the Electoral Rolls would be printed by Municipal Printing Press itself.

During the ensuing year, one more Photo Composing Machine with 2 Off line Key Board is proposed to be imported alongwith certain other items of machinery and equipment such as a Sheet Fed Offset, Two Mono Casting Units with System 272 which is introduced by Monotype Corporation to have corrected roolls for mono casting, etc. with a view to switch over too fffset printing.

To minimise the wastage of stationery and schedule printing items supplied to the various departments, the work of Pr paration of Model Indents of all departments have been completed on the basis of actual consumption for last three years and the same varified and approved by respective departments.

The present Schedule of the printing items was prepared some twenty years back. Since then there is considerable increased in the requirement of the departemt and about 850 various forms were deleted from the requirement in consultations with the departments. The work of the new Schedule of printing item is also completed the same will be sent for approval of higher authority. After approval the same will be got printed.

M. M. KAMAT,
Manager
Municipal Printing Press.

The summary of Advances Departmental Works-Municipal Printing Press recoveries for the year 1982-83.

| Description | Amount | | Total | Description | Amount | | Total |
|-----------------------------------|----------------|----|----------------|-------------------------|----------------|----|----------------|
| | Rs. | P. | | | Rs. | P. |  | Rs. | P. |
| Opening Balance as per Subsidiary | 92,10,715.16 | | | Recovery during 1981-82 | 1,91,99,582.80 | | |
| Material in hand | 24,12,413.21 | | | Misc. Revenue | 1,48,449.48 | | |
| Work in Progress | 25,29,356.75 | | | | 1,93,48,032.28 | | 1,93,48,032.28 |
| Less—Profit during 1981-82 | 6,73,717.62 | | | Material in hand | 20,14,206.13 | | |
| | 1,34,78,767.50 | | 1,34,78,767.50 | Work in Progress | 26,01,775.08 | | |
| Expenditure during 1982-83 | | | | Outstanding Bills | 15,26,436.73 | | |
| I—Establishment | 61,25,147.71 | | | Less—During the year | 3,17,070.39 | | |
| II—Contingencies | 3,33,225.42 | | | | 64,59,488.33 | | 64,59,488.33 |
| III—Repairs and Maintenance | 2,72,410.25 | | | | | | |
| IV—Stores | 43,25,048.85 | | | | | | |
| V—Electric Power | 1,62,288.06 | | | | | | |
| VI—Work through Outside Agencies | 95,866.57 | | | | | | |
| VII—Provident Fund Charges | 93,463.64 | | | | | | |
| VIII—Debt Charges | 8,38,758.64 | | | Total | | | 2,58,07,520.61 |
| IX—Transport | 82,544.56 | | | | | | |
| | 1,23,28,753.11 | | 1,23,28,753.11 | | | | |
| | | | 2,58,07,520.61 | | | | 2,58,07,520.61 |

ROTA PRINTING UNIT

Important Features :

The Rota Printing Unit carry out the work of printing and supplying copies of M.C.'s and M.C.A.'s Administration Reports in Marathi, Urgent Items and accompaniments of the Agenda of the Corporation and its various Committees and all the printing work of Tree Authority, both in English and Marathi. It also undertakes the work of printing and supplying copies of annual Examination papers of the Primary and Secondary Schools of the Corporation in 11 different languages viz., Marathi, Gujarati, Hindi, English, Urdu, Kannad, Tamil, Telugu, Sindhi Devanagari Sindhi Arabic and Malayalam and printing work of other departmental jobs such as Reports, Different Formats, circulars etc.

Expenditure :

| | | |
|-------------------|----|-----------------|
| (A) Establishment | .. | Rs. 6,72,800.04 |
| (B) Others | .. | Rs. 1,91,194.97 |

Work Load Summary :

| | Pages | Cost (Rs.) |
|--|--------------------|-------------|
| (a) Printing of Administration Reports of M. C. and M.C.A. in Marathi. | .. 745 | 17,146.64 |
| (b) Departmental printing jobs such as Formats, circulars, reports, etc. | .. 1100 | 3,03,888.25 |
| (c) Urgent Items and Accompaniments and the Agenda of the Corporation and its various Committees | .. 1207 | 60,122.60 |
| (d) Annual Examination papers of Primary and Secondary Schools. | .. 85.77 | 6,79,884.22 |
| | (Lakh Impressions) | |

In the reporting year, 48 employees were on the establishment of the Rota Printing Unit.

The various job works received in the Rota Printing Unit are of urgent and time limit nature, and the same are executed systematically.

The printing work of the annual examination etc., papers of the E. O.'s Department is of confidential nature and the same is executed very punctually and accurately.

B. M. GHARPURE,
Superintendent,
Rota Printing Unit.

FINANCE

Report from the Chief Accountant on the accounts of the General Municipal Administration, the Improvement Schemes and the Education Fund for the year 1983-84.

GENERAL MUNICIPAL ADMINISTRATION

The following statement summarises the transactions for the year pertaining to Revenue Budget and the Actuals for the preceding year.

| Revenue Account Budget 'A' | 1983-84 | | | 1982-83 |
|---|--------------------------|--------------------------|---------------------------|---------------------------|
| | Budget Estimates | Revised Estimates | Actuals | Actuals |
| | Rs. | Rs. | Rs. | Rs. |
| Opening Balance .. | 1,42,31,000 | —10,82,22,924 | —10,82,22,924 | 21,02,881 |
| Income .. | 2,37,43,97,710 | 2,29,53,94,010 | 2,32,44,12,670 | 1,78,74,29,892 |
| Expenditure .. | 2,33,89,03,790 | 2,25,60,09,390 | 2,09,98,69,975 | 1,79,04,15,859 |
| Balance .. | 3,54,93,920 (Surplus) | 3,93,84,620 (Surplus) | 22,45,42,695 (Surplus) | 29,85,967 (Deficit) |
| Balance .. | 4,97,24,920 | —6,88,38,304 | 11,63,19,771 | —8,83,086 |
| Increase (—) Decrease (+) in Reservation for Advances, etc. | .. | —8,00,00,000 | —11,58,74,076 | —10,73,39,838 |
| Closing Balance .. | 4,97,24,920 | —14,88,38,304 | 4,45,695 (Surplus) | 10,82,22,924 (Deficit) |

2. The Details of Reservation for Advances, etc..

Increases—

| | Rs. |
|---------------------|--------------|
| In Misc Advances .. | 5,98,56,272 |
| In Renewed Grant .. | 5,74,30,000 |
| Total .. | 11,72,86,272 |

Decreases—

| | |
|---------------------------|-----------|
| In Reserve Stores .. | 14,00,620 |
| In Plant and Machinery .. | 11,576 |
| Total .. | 14,12,196 |

Net Increase .. 11,58,74,076

Comparative Statement showing the actual position of Surplus Cash Balance as on 31st March 1984 and that as shown in the Revised Estimates for 1983-84 in Corporation Budget.

(Rs. in Lakhs)

| Revenue Account Budget 'A' | As adopted by the Corporation (R.E.) | Actuals | Variation compared with Revised Estimates of the Corporation |
|--------------------------------------|--------------------------------------|------------|--|
| | Rs. | Rs. | Rs. |
| Opening Balance | -10,82.23 | -10,82.23 | .. |
| Income | 2,29,53.94 | 2,32,44.13 | 2,90.19 (Increase) |
| Expenditure | 2,25,60.09 | 2,09,98.70 | 15,61.39 (Decrease) |
| Deficit/Surplus for the year (—)/(+) | +3,93.85 | +22,45.43 | +18,51.58 (Increase) |
| Deficit/Surplus | | | |
| Deduct—Increase in | -6,88.38 | +11,63.20 | +18,51.58 |
| Reservation for Advances. | -8,00.00 | -11,58.74 | -3,58.74 |
| Net Deficit/Surplus (—) (+) | -14,88.38 | +4.46 | +14,92.84 |

3. The net unhypothecated Surplus Cash Balance on 31st March 1984 was as under:—

| Liabilities | Rs. | Assets | Rs. |
|--------------------------------|--------------|-------------------------------------|--------------|
| Reserve Stores Account | 69,67,029 | Surplus Fund as per Appendix No. 2. | 43,71,27,102 |
| Miscellaneous Advances | 42,97,14,378 | | |
| Minimum required by Law | 1,00,000 | | |
| Surplus Cash Balance | 3,45,695 | | |
| | 43,71,27,102 | | 43,71,27,102 |

RESERVE STOCK AND CAPITAL STORES

4. Position of Reserve Stock and Capital Stores was as under:—

| Name of the Account | Opening Balances as on 1-4-1983 | Receipts during the year | Total | Issues during the year | Closing balances as on 31-3-1984 |
|-------------------------------------|---------------------------------|--------------------------|--------------|------------------------|----------------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| (1) Advances Reserve Stores | 1,59,66,691 | 2,34,24,784 | 3,93,91,475 | 2,45,29,315 | 1,48,62,160* |
| (2) Advances Reserve Stores F.R.D. | -28,032 | 7,75,193 | 7,47,161 | 9,43,740 | -1,56,575† |
| (3) Advances Capital Stores | 5,03,64,327 | 8,08,73,654 | 13,12,37,981 | 8,11,53,522 | 5,00,84,459 |
| (4) Advances Capital Stores F.R.D. | 1,04,017 | 86,326 | 1,90,343 | 1,28,585 | 61,758 |
| Total | 6,64,07,003 | 10,51,59,957 | 17,15,66,960 | 10,67,55,162 | 6,48,11,758 |

* This includes Rs. 83,26,959 shown under unadjusted Reserve Stores Account.

† This includes Rs. 6,28,407 shown under unadjusted Reserve Stores Account Foras Rec'd Depot.

5. The Loan liabilities at the beginning and at the end of the year were as under:—

| Budget 'A' | Outstanding Debt as on 1st April 1983 | Loan raised during the year | Repayment during the year | Loan outstanding as on 31st March 1984 |
|----------------------|---------------------------------------|-----------------------------|---------------------------|--|
| | Rs. | Rs. | Rs. | Rs. |
| Division-I | 97,19,98,032 | 15,20,93,773 | 2,49,82,982 | 1,09,91,08,823 |
| Division II | 1,11,05,76,853 | 8,80,00,000 | 4,77,51,040 | 1,15,08,25,813 |
| Division-III .. .. . | .. .. . | 4,00,00,000 | .. .. . | 4,00,00,000 |
| Total | 2,08,25,74,885 | 28,00,93,773 | 7,27,34,022 | 2,28,99,34,636 |

The Break up of the loans raised during the year were as under :-

| | Rs. | Rs. | |
|----------------|-------------|--------------|--|
| (1) Division-I | 6,60,00,000 | | Being the loan amount towards Rs. 1,400 lakhs <i>plus</i> 10 per cent, issued at par with the currency of 17 years at 8½ percent interest per annum and Sinking Fund improving at 7 per cent basis per annum raised by Public subscription out of Rs. 1775 lakhs loan sanctioned under G.R. No. LLB/1083/783/CR/113/83/UD-13, dated 8th November 1983 in response to Corporation's Loan application for Rs. 6,000 lakhs underlying C. R. No. 829 of 10th October 1983. |
| Division-II | 8,80,00,000 | 15,40,00,000 | |
| (2) Division-I | 7,00,00,000 | | Being the loan amount towards Rs. 1,100 lakhs issued at par with a currency of 25 years at 8½ per cent, interest per annum and Sinking Fund improving at 7 per cent, basis per annum, raised by internal funds. Loan sanctioned under C.R. No. 829 of 10th October 1983 and G.R. No. LLB/1083/783/C.R. No. 112/83/UD-13 dated the 28th November 1983. |
| Division-III | 4,00,00,000 | 11,00,00,000 | |
| (3) Division-I | 1,60,93,773 | 1,60,93,773 | Being the Loan received from World Bank through B.M.R.D.A. out of total loan of U.S. Dollars, 45,40,000 (Approximate Rs. 3,63,20,000 at Rs. 8 per Dollar) at the rate of 9.2 per cent interest per annum allocated to B.M.C. <i>vide</i> C.R. No. 772, dated the 29th November 1976 and 828 of 17th December 1976 and G.R. No. BMC/7676/313-UD-3, dated the 18th January 1977. |
| Total | ... | 28,00,93,773 | |

The repayment during the year were as under :-

| | Rs. | |
|-----------------|-----------------|---|
| Division-I ... | (1) 30,94,371 | Repayment of 9.2 per cent. I.B.R.D. (World Bank). Loan through B.M.R.D.A. for Traffic Operations. |
| | (2) 1,78,49,364 | Repayment of 6 percent Rs. 407 lakhs B.M.C. Loan 1971 excluding Rs. 2,28,50,636.07 pertained to Budget 'G'. |
| | (3) 40,39,247 | Repayment of 4½ percent Rs. 100 lakhs Internal Loan 1958-59 excluding Rs. 59,60,752.95 pertained to Budget 'G'. |
| Division-II ... | 4,77,51,040 | Repaid to Debenture holders out of Sinking Fund investment. |
| Total | ... | 7,27,34,022 |

SINKING FUND

5-A. The position of the Sinking Fund is as shown below :-

| Budget 'A' | Amount of Fund on 1st April 1983 | Interest etc. received | Sinking Fund Instalments | Withdrawn for repayment of Loans | Excess accumulation transferred to Revenue Account | Amount of Fund on 31st March 1984 |
|--------------|----------------------------------|------------------------|--------------------------|----------------------------------|--|-----------------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Division I | 43,50,68,664 | 2,43,38,631 | 4,16,63,620 | 8,07,00,000 | 1,00,00,000 | 41,03,70,915* |
| Division II | 26,99,57,107 | 2,09,12,162 | 4,97,83,163 | 6,70,00,000 | .. | 27,36,52,432* |
| Division III | .. | .. | .. | .. | .. | .. |
| Total | 70,50,25,771 | 4,52,50,793 | 9,14,46,783 | 14,77,00,000 | 1,00,00,000 | 68,40,23,347 |

| Budget 'A' | Book Value of Securities and Cash as on 31-3-1984 | Market Value, of Securities, interest accrued upto 31-3-1984 and Cash as on 31-3-1984 | Amount of Sinking Fund which should have accumulated upto 31-3-1984 | Excess in Sinking Fund as on 31-3-1984 |
|--------------|---|---|---|--|
| | Rs. | Rs. | Rs. | Rs. |
| Division-I | 41,03,70,915 | 41,38,73,606 | 40,16,79,583 | 1,21,94,023 |
| Division-II | 27,36,52,432 | 27,62,69,363 | 26,68,31,357 | 94,38,006 |
| Total | 68,40,23,347 | 69,01,42,969 | 66,85,10,940 | 2,16,32,029 |

* Out of this Rs. 2,19,35,323 and Rs. 2,60,94,578 pertaining to Division I and II respectively related to Budget 'G'.

REVENUE INCOME
For DIVISION I, II AND III

6. The estimated Income for the year was Rs. 2,37,43,97,710 and Revised Estimate was Rs. 2,29,53,94,010. The Actuals amounted to Rs. 2,32,44,12,670 resulting in decrease of Rs. 4,99,85,040 on the Budget Estimate and increase of Rs. 2,90,18,660 on the Revised Estimate.

OCTROI

6-A. The gross collections for the year were estimated at Rs. 1,55,70,00,000 the refunds and Commission charges at Rs. 10,00,00,000 and the net revenue at Rs. 1,45,70,00,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 1,62,37,64,928 and after deducting the amount of Rs. 17,29,21,381 (On account of refunds Rs. 14,74,16,985 and on account of fees for collection Rs. 2,55,04,396 credited to the separate Revenue Head), the net receipts amounted to Rs. 1,45,08,43,547 showing an increase of Rs. 41,64,16,181 as compared with the actuals of the previous year (i.e. Rs. 1,03,44,27,366).

REVENUE EXPENDITURE
For Division I, II and III

7. The final sanctioned grants amounted in the aggregate to Rs. 2,63,62,79,840.

| | |
|--|-----------------------|
| Budget Grants | Rs. 2,33,89,03,790 |
| Unexpended Grants for previous years renewed for expenditure | 7,55,69,660 |
| Additional Grants | 22,18,06,390 |
| Final Sanctioned Grants | 2,63,62,79,840 |

The transfers from one Budget Head to another without affecting the total Budget Provisions for the year amounted to Rs. 7,28,50,666.

8. Against the final sanctioned grants for the year aggregating to Rs. 2,63,62,79,840 as stated above the actuals amounted to Rs. 2,09,98,69,975 leaving an unexpended balance of Rs. 53,64,09,865 at the close of the year. Out of this balance the amount of Rs. 13,30,00,000 is being renewed for expenditure during 1984-85 has against Rs. 7,55,70,000 in 1983-84 and the remaining balance of Rs. 40,34,09,865 is being allowed to lapse.

9. The percentage of establishment expenditure to the total expenditure for 1983-84 and the previous year is as given below :—

| Budget 'A' | Establishment Cost | Percentage of Establishment Cost to Total Expenditure during | |
|--------------------|--------------------|--|---------|
| | | 1983-84 | 1982-83 |
| | Rs. | | |
| Division I | 53,41,48,367 | 38.58 | 39.81 |
| Division II | 18,62,96,894 | 42.90 | 41.12 |
| Division III | 13,60,57,378 | 48.42 | |
| Total | 85,65,02,639 | 40.79 | 40.28 |

LOAN FUND AND LOAN WORKS EXPENDITURE

10. The position of Loan Fund was as shown below :—

| Budget 'A' | O.B. on 1-4-1983 | New Loans raised during 1983-84 | Reimbursement of loan from B.M.R.D.A. | Repayment of advance granted for purchase of P. & M. |
|--------------------|------------------|---------------------------------|---------------------------------------|--|
| | 1 | 2 | 3 | 4 |
| | Rs. | Rs. | Rs. | Rs. |
| Division I | —7,86,24,237 | 13,60,00,000 | 1,60,93,773 | 3,30,29,585 |
| Division II | —3,04,23,688 | 8,80,00,000 | .. | 50,98,637 |
| Division III | —9,99,09,583 | 4,00,00,000 | .. | .. |
| Total | —20,89,57,508 | 26,40,00,000 | 1,60,93,773 | 3,81,28,222 |

| Grant-in-aid from Govt. | Total Loan Fund available | Total Expenditure incurred | Advance for financing Capital Store | C.B. as on 31-3-1934 |
|-------------------------|---------------------------|----------------------------|-------------------------------------|----------------------|
| 5 | 6 | 7 | 8 | 9 |
| Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | 10,64,99,121 | 21,50,02,648 | Dr. 34,30,953 | —11,19,34,430 |
| .. | 6,26,74,949 | 18,47,74,534 | .. | —12,20,99,585 |
| .. | —5,99,09,583 | 9,08,46,052 | .. | —15,07,55,635 |
| .. | 10,92,64,487 | 49,06,23,234 | Dr. 34,30,953 | —38,47,89,700* |

* This deficit was met by taking an advance from surplus monies.

The following statement compares the expenditure on Capital Works with the Budget and Revised Estimates during the last three years.

| Year | Loan Funds | | | Percentage of Actuals to Budget Estimates | Percentage of Actuals to Revised Estimates |
|------------------|------------------|-------------------|--------------|---|--|
| | Budget Estimates | Revised Estimates | Actuals | | |
| | Rs. | Rs. | Rs. | | |
| 1981-82 | | | | | |
| Division-I ... | 52,37,99,400 | 52,60,55,650 | 20,83,09,569 | 40 | 40 |
| Division-II ... | 55,18,73,115 | 61,37,22,800 | 22,89,87,965 | 41 | 37 |
| Division-III ... | .. | .. | .. | .. | .. |
| Total ... | 1,07,56,72,515 | 1,13,97,78,450 | 43,72,97,534 | 41 | 38 |

£ Pentains to W. S. & E. S.

| Year | Loan Funds | | | Percentage of Actuals to Budget Estimates | Percentage of Actuals to Revised Estimates |
|------------------|-----------------------|-----------------------|---------------------|---|--|
| | Budget Estimates | Revised Estimates | Actuals | | |
| 1982-83 | Rs. | Rs. | Rs. | | |
| Division-I ... | 60,75,78,400 | 44,56,45,290 | 22,31,78,977 | 37 | 50 |
| £Division-II ... | 74,32,17,000 | 44,57,60,400 | 24,90,40,528 | 34 | 56 |
| Division-III ... | ... | ... | ... | ... | ... |
| Total ... | 1,35,07,95,400 | 89,14,05,690 | 47,22,19,505 | 35 | 53 |
| 1983-84 | Rs. | Rs. | Rs. | | |
| Division-I ... | 33,83,22,640 | 47,17,69,600 | 21,50,02,648 | 64 | 46 |
| Division-II ... | 21,25,13,800 | 33,60,22,000 | 18,47,74,534 | 87 | 55 |
| Division-III ... | 12,39,48,000 | 21,54,11,700 | 9,08,46,052 | 73 | 42 |
| Total ... | 67,47,84,440 | 1,02,32,03,300 | 49,06,23,234 | 73 | 48 |

£ Pertains to W S & E. S.

TRUST FUND AND EXPENDITURE

UNDER TRUST FUND

10-A. The position of Trust Fund was as shown below :

| | O.B. on 1-4-1983 | Receipts during 1983-84 | Total Funds available | Expenditure during 1983-84 | C.B. as on 31-3-1984 |
|------------------|------------------|-------------------------|-----------------------|----------------------------|----------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Division-I ... | 48,272 | ... | 48,272 | ... | 48,272 |
| Division-II ... | 97,808 | ... | 97,808 | ... | 97,808 |
| Division-III ... | ... | ... | ... | ... | ... |
| Total ... | 1,46,080 | ... | 1,46,080 | ... | 1,46,080 |

INVESTMENT

11. The position of Investment was as under :

| | Investment in Fixed Deposits | Investment in Current Account Deposits | Aggregate investment | Interest on Fixed Deposits | Interest on Current Account Deposits | Total Interest Realised |
|------------------------|------------------------------|--|------------------------|----------------------------|--------------------------------------|-------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Division-I .. | 1,65,32,43,900 | 13,71,25,37,009 | 15,36,57,80,509 | 6,77,63,078 | 1,87,330 | 6,79,50,408 |
| Division-II (W.S.) .. | .. | 4,23,009 | 4,23,009 | .. | 1,058 | 1,058 |
| Division-III (E.S.) .. | .. | 57,07,88,253 | 57,07,88,253 | .. | 9,510 | 9,510 |
| Total .. | 1,65,32,43,900 | 14,28,37,48,271 | 15,93,69,92,171 | 6,77,63,078 | 1,97,898 | 6,79,60,976 |

STREET IMPROVEMENT

12. The expenditure incurred on acquisition of set backs was as under :

| | Provision in the Revised Loan Works Budget Estimates for 1983-84 for acquisition of set backs | Expenditure during 1983-84 | Balance out of the Provision | Amount of undischarged Commitment upto 31-3-1984 |
|-----------------------------|---|----------------------------|------------------------------|--|
| | Rs. | Rs. | Rs. | Rs. |
| City Division-I .. | 26,00,000 | 24,54,048 | 1,45,952 | 1,02,21,957 |
| Suburbs Division-II (W.S.) | 63,00,000 | 60,34,808 | 2,65,192 | .. |
| Suburbs Division-III (E.S.) | 26,51,000 | 11,91,079 | 14,59,921 | .. |
| Total .. | 1,15,51,000 | 96,79,935 | 18,71,065 | 1,02,21,957 |

HOUSING LOAN

13. The position of Housing Loans to the Co-operative Housing Societies of the Municipal Employees, was as under :

| Loan Balance as on 1-4-1983 | Amount of Loans granted during the year | Repayments of Loans during the year | Loans Balance as on 31-3-1984 |
|-----------------------------|---|-------------------------------------|-------------------------------|
| Rs. | Rs. | Rs. | Rs. |
| 12,55,81,700.75 | 2,88,47,084.00 | 78,50,102.05 | 14,65,78,682.70 |

Budget ' B '

General Account

14. The Position of General Account during the year 1983-84 was as under :-

| Improvement Schemes | Income | Expenditure | Surplus | Deficit |
|---|--------------|--------------|---------|-------------|
| | Rs. | Rs. | Rs. | Rs. |
| Improvement Schemes | 5,18,07,182 | 7,16,70,982 | .. | 1,98,63,800 |
| Slum Clearance (City Section) | 36,21,497 | 72,76,163 | .. | 36,54,666 |
| Slum Clearance (Suburban Section) | 8,35,521 | 65,04,870 | .. | 56,69,349 |
| Slum Improvement | *6,54,88,926 | 6,54,88,926 | .. | @@ |
| Total .. | 12,17,53,126 | 15,09,40,941 | .. | 2,91,87,815 |

CAPITAL ACCOUNT

15. The Position of Capital Account was as under :-

| | Opening Balance as on 1-4-1983 | Receipts on Account of Sale proceeds of lands & buildings | New Loan raised during the year | Total Funds available | Expenditure during the year | Deficit of General Account transferred to Capital Account | Closing Balance as on 31-3-1984 |
|----------------------------------|--------------------------------|---|---------------------------------|-----------------------|-----------------------------|---|---------------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Improvement Schemes. | -7,86,81,872 (Deficit) | 63,17,837 | .. | -7,23,64,035 | 67,74,427 | 1,98,63,800 | -9,50,02,262 (Deficit) |
| Slum Clearance (City Section) | -1,88,52,950 (Deficit) | .. | .. | -1,88,52,950 | 39,38,368 | 36,54,666 | -2,64,45,984 (Deficit) |
| Slum Clearance Suburban Section. | -1,90,47,901 (Deficit) | 1,53,228 | .. | -1,88,94,673 | Cr. 1,18,902 | 56,69,349 | -2,44,45,120 (Deficit) |
| Slum Improvement. | -5,64,87,281 (Deficit) | 1,61,52,127** | .. | -4,03,35,154 | 3,07,04,527 | .. | -7,10,39,681 (Deficit) |
| Total .. | -17,30,70,004 (Deficit) | 2,26,23,192 | .. | -15,04,46,812 Deficit | 4,12,98,420 | 2,91,87,815 | -22,09,33,047† (Deficit) |

* Rs. 3,00,46,143 Contribution from Budget, A' and Rs. 3,54,42,783 income from Hutment Colonies.

** Rs. 1,61,52,127 contribution of Capital expenditure from Bombay Housing and Area Development Board.

† The deficit was met by taking an advance from Surplus Monies of Budget, A', Division-I.

@@ Deficit of Rs. 3,00,46,143 had been met from Contribution from Budget, A'.

16. The Loan Liabilities at the beginning and at the end of the year were as under :—

| Budget, B' | Outstanding Loan as on 1st April 1983 | Loans raised during the year | Repayment of Loan during the year | Loan Outstanding on 31st March 1984 |
|---------------------------------------|---------------------------------------|------------------------------|-----------------------------------|-------------------------------------|
| | Rs. | Rs. | Rs. | Rs. |
| Improvement Scheme | 13,98,28,000 | .. | 89,00,000 | 13,09,28,000 |
| Slum Clearance (City) Section | 5,75,96,204 | .. | 12,19,782 | 5,63,76,422 |
| Slum Clearance Suburban Section | 5,25,79,691 | .. | 1,25,587 | 5,24,54,104 |
| Slum Improvement | 2,00,00,000 | .. | .. | 2,00,00,000 |
| Total | 27,00,03,895 | .. | 1,02,45,369 | 25,97,58,526 |

SINKING FUND

17. The position of Sinking Fund was as under :—

| | Amount of Sinking Fund as on 1-4-1983 | Interest etc. received during the year | Sinking Fund Instalments | Withdrawn for repayment of Loans | Amount of Sinking Fund as on 31-3-1984 |
|------------------------------------|---------------------------------------|--|--------------------------|----------------------------------|--|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Improvement Schemes | 8,05,28,386 | 44,57,611 | 25,05,825 | 89,00,000 | 7,85,91,822 |
| Slum Clearance City Section | 1,90,88,237 | 11,60,757 | 10,46,363 | 10,00,000 | 2,02,95,357 |
| Slum Clearance Subs. Section | 1,51,01,365 | 9,45,245 | 9,85,606 | .. | 1,70,32,216 |
| Slum Improvement | 25,43,348 | 1,54,824 | 3,64,534 | .. | 30,62,706 |
| Total | 11,72,61,336 | 67,18,437 | 49,02,328 | 99,00,000 | 11,89,82,101 |

| | Book Value Securities & Cash as on 31-3-1984 | Market Value of Securities interest accrued upto 31-3-1984 and Cash as on 31-3-1984 | Amount of Sinking Fund which should have accumulated upto 31-3-1984 | Excess in Sinking Fund as on 31-3-1984 |
|---------------------------------------|--|---|---|--|
| | Rs. | Rs. | Rs. | Rs. |
| Improvement Schemes | 7,85,91,822 | 7,91,39,086 | 6,63,28,232 | 1,28,10,854 |
| Slum Clearance City Section | 2,02,95,357 | 2,04,26,637 | 1,82,57,447 | 21,69,190 |
| Slum Clearance Suburban Section | 1,70,32,216 | 1,71,12,584 | 1,57,16,454 | 13,96,130 |
| Slum Improvement | 30,62,706 | 30,63,273 | 30,60,352 | 2,921 |
| Total | 11,89,82,101 | 11,97,41,580 | 10,33,62,485 | 1,63,79,095 |

EDUCATION FUND

18 (i) The following Statement summarises the transactions for the year pertaining to Revenue Budget and the Actuals for the preceding year —

| Revenue Budget 'B' | 1983-84 | | | |
|---|----------------------|----------------------|----------------------|----------------------|
| | Budget Estimates | Revised Estimates | Actuals | Actuals for 1982-83 |
| Opening Balance. .. | Rs 20,006 | Rs. 22,132 | Rs. 22,132 | Rs. 67,426 |
| Income. .. | 42,56,75,510 | 43,07,74,780 | 42,50,43,166 | 38,14,81,692 |
| Expenditure. .. | 42,56,75,510 | 43,07,74,780 | 42,84,33,697 | 38,58,45,431 |
| Surplus or Deficit during the year. (+) (—) | .. | .. | —33,90,531 | —43,63,739 |
| Balance. .. | + 20,006 | + 22,132 | —33,68,399 | —42,96,313 |
| Add : Decrease or Increase in Reservations as shown in (i) below. | .. | .. | + 33,88,776 | + 43,18,445 |
| Closing Balance. .. | +20,006 (Surplus) | +22,132 (Surplus) | +20,377 (Surplus) | +22,132 (Surplus) |

(ii) The Details of Reservations of Advances etc. are as under :—

| Increase/Decrease (+) (—) | 1983-84 | 1982-83 |
|-----------------------------------|-------------------|-------------------|
| In Miscellaneous Advances. .. | Rs. —61,38,776 | Rs. —10,68,445 |
| In Renewed Grants. .. | +27,50,000 | —32,50,000 |
| Net Increase or Decrease. (+) (—) | .. —33,88,776 | .. —43,18,445 |

(iii) The net unhypothecated Surplus Cash Balance on 31st March 1984 was as under

| Liability. | | Assets. | |
|-----------------------------|-------------|--|-------------|
| Miscellaneous Advance. .. | 1,61,36,436 | Surplus Revenue Fund as per Appendix No 59. .. | 1,61,56,813 |
| Minimum required by Law. .. | 20,000 | | |
| Surplus Cash Balance. .. | 377 | | |
| Total .. | 1,61,56,813 | Total .. | 1,61,56,813 |

(iv) The Loan Liabilities at the beginning and at the end of the year were as under :—

| Opening Debt on 1st April 1983. | Loan raised during the year. | Repayment of debt during the year. | Outstanding Debt on 31st March 1984. |
|---------------------------------|------------------------------|------------------------------------|--------------------------------------|
| Rs. 23,56,00,000 | Rs. 3,02,50,000 | Rs. 33,00,000 | Rs. 26,25,50,000 |

(v) The position of Sinking Fund is as shown below :—

| Amount of Fund on 1st April 1983. | Interest etc. realised. | Sinking Fund Instalments. | Total Sinking Fund. | Withdrawal for-Repayment of Loans. | Amount of Fund on 31st March 1984. |
|-----------------------------------|-------------------------|---------------------------|---------------------|------------------------------------|------------------------------------|
| Rs. 6,88,12,986 | Rs. 41,79,425 | Rs. 1,01,60,408 | Rs. 8,31,52,819 | Rs. 1,33,00,000* | Rs. 6,98,52,819 |

| Book value of securities and cash as on 31-3-1984. | Market value of securities with interest accrued upto 31-3-1984 and cash as on 31-3-1984. | Amount of Sinking Fund which should have accumulated upto 31-3-1984. | Excess in Sinking Fund as on 31-3-1984. |
|--|---|--|---|
| Rs. 6,98,52,819 | Rs. 7,07,26,298 | Rs. 6,75,17,698 | Rs. 32,08,600 |

* Including Rs. 1,00,00,000/- being excess accumulation withdrawn from Sinking Fund A/c.

The value of securities held in Sinking Fund Account on the basis of Market rates prevailing on 31st March 1984 including accrued interest and cash exceeded the actuarial amount of the Sinking Fund by Rs. 32,08,600 which is held in the Sinking Fund Account.

Income.

(vi) Position of the Income excluding the Special Contribution from Budget 'A' during the year 1983-84 is as shown below :—

| Budget Estimates. | Revised Estimates | Actuals. | Increase (+) Decrease (—) compared with | |
|---------------------|---------------------|---------------------|---|--------------------|
| | | | Budget Estimates. | Revised Estimates. |
| Rs. 19,31,75,510 | Rs. 19,82,74,780 | Rs. 19,50,43,166 | Rs. + 18,67,656 | Rs. —32,31,614. |

To cover the deficit, an amount of Rs. 23,00 Crores (as against Budget Estimate and Revised Estimates of Rs. 23.25 Crores) has been taken from Budget 'A' as Specials Contribution during the year.

The rates of Education Gess are varying from 1/2 per cent to 5 per cent on slab basis of Rateable Value.

Expenditure.

(vii) The final sanctioned Grants amounted in the aggregate to Rs. 46,67,66,340 as follows :—

| | |
|---|-----------------------------|
| Budget Grants. | Rs. 42,56,75,510 |
| Unexpended Grants for previous years renewed for Expenditure. | Rs. 1,98,50,000 |
| Additional Grants. | Rs. 2,12,40,830 |
| Final sanctioned Grants. | Rs. 46,67,66,340 |

The transfers from one Budget Grant to another without affecting the total Budget provision of the year amounted to Rs. 2,00,18,530.

(viii) Position of the Revenue Expenditure during the year :

| Final Grant 1983-84. | Actuals 1983-84 | Balance Grant as on 31-3-1984. | Amount Reserved for Renewal during the year 1984-85. | Balance of Grant treated as saving. |
|-------------------------|---------------------|--------------------------------------|--|---|
| Rs. 46,67,66,340 | Rs. 42,84,33,697 | Rs. 3,83,32,643 | Rs. 2,26,00,000 | Rs. 1,57,32,643 |

(ix) The percentage of Establishment cost inclusive of expenditure on Dearness Allowance, Provident Fund and Pension etc. charges to the total expenditure for 1983-84 as compared with the previous year's percentage is given below :-

| Establishment. | Establishment cost | Percentage to the total expenditure during | |
|-----------------------------------|-----------------------|---|--------------|
| | 1983-84 | 1983-84 | 1982-83 |
| (1) Supervisory and Subordinate. | Rs. 33,09,91,718 | Rs. 77.25 | Rs. 78.72 |
| (2) Labour, Technical and Others. | 3,14,16,964 | 7.33 | 8.57 |
| Total | 36,24,08,682 | 84.58 | 87.29 |

Loan Funds

(x) Position of the Loan Fund during the year :-

| Opening Balance as on 1-4-1983. | Loan Receipts. | Total. | Loan Works expenditure. | Closing Balance as on 31-3-1984. |
|---------------------------------------|--------------------|--------------------|----------------------------|--|
| Rs. -1,37,09,979 | Rs. 3,02,50,000 | Rs. 1,65,40,021 | Rs. 4,53,01,014 | Rs. -2,87,60,993 |

Deficit under Loan Fund has been met by taking advance from surplus monies pending raising of new Loan.

(xi) The following statement compares the expenditure on Capital Works with the Budget and Revised Estimates during the last three years :-

| Year. | Loan and Trust Fund | | | Percentage of Actuals to Budget Estimates. | Percentage of Actuals to Revised Estimates. |
|---------|---------------------|-----------------------|--------------------|---|--|
| | Budget Estimates | Revised Estimates. | Actuals. | | |
| 1981-82 | Rs. 8,19,74,000 | Rs. 9,44,08,000 | Rs. 2,83,16,428 | 34.5 | 30.00 |
| 1982-83 | 9,12,21,000 | 7,26,54,500 | 3,73,08,224 | 40.9 | 51.3 |
| 1983-84 | 5,12,89,000 | 9,71,67,500 | 4,53,01,014 | 88.3 | 46.6 |

R. S. PEDNEKAR,
Chief Accountant.

APPENDIX No. 1.
(Consolidated)
General Financial Statistics.

| Particulars. | 1979-80. | 1980-81. | 1981-82. | 1982-83. | 1983-84 |
|--|----------------|----------------|----------------|----------------|----------------|
| <i>General</i> | | | | | |
| 1. Area of the Greater Bombay (in sq. Kms.)... | 438.2256 | 464.79 | 466.35 | 466.35 | 466.35 |
| 2. Population ... | *§ 59,70,575 | † 82,92,542 | †† 82,27,332 | ††† 82,43,405 | ††† 82,43,405 |
| <i>Rates and Assessments.</i> | | | | | |
| 3. Rateable value Rs. | 1,46,14,18,814 | 1,56,01,40,556 | 1,65,66,84,247 | 1,75,81,40,007 | 1,88,21,97,578 |
| 4. Rateable value Rs. per head of population. | Rs. 244.77 | Rs. 188.14 | Rs. 201.36 | Rs. 213.27 | Rs. 228.33 |
| 5. Properties registered in the Assessment Book | 1,97,073 | 2,04,293 | 2,08,748 | 2,15,870 | 2,19,312 |
| <i>Income.</i> | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 6. General Tax (@24% of R.V.) ... | 31,87,11,960 | 33,87,68,724 | 36,90,69,740 | 38,89,43,002 | 40,20,27,912 |
| 7. Income from other sources ... | 93,53,67,521 | 1,01,05,48,312 | 1,22,05,27,684 | 1,39,84,86,890 | 1,92,23,84,758 |
| Total Income | 1,25,40,79,481 | 1,34,93,17,036 | 1,58,95,97,424 | 1,78,74,29,892 | 2,32,44,12,670 |
| 8. Incidence of Taxation per head | §§ 175.62 | §§ 133.51 | §§ 156.73 | §§ 184.31 | §§ 238.96 |
| <i>Loans.</i> | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 9. Debt outstanding ... | 1,42,19,18,260 | 1,67,82,83,296 | 1,89,53,91,379 | 2,08,25,74,885 | 2,28,99,34,636 |
| 10. Redemption and Sinking Funds in hand or invested ... | 28,60,38,239 | 39,51,26,097 | 42,12,71,539 | 44,83,60,539 | 45,59,93,446 |
| 11. Net Loan Debt ... | 1,13,58,80,021 | 1,28,31,57,199 | 1,47,41,19,840 | 1,63,42,14,346 | 1,83,39,41,190 |
| 12. Net Debt per head of population ... | 190.25 | 154.74 | 179.17 | 198.24 | 222.47 |
| <i>Expenditure</i> | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 13. Primary Education ... | 14,23,58,157 | 18,73,28,729 | 21,96,02,120 | 27,88,99,660 | 30,47,55,900 |
| 14. Medical Relief ... | 25,48,05,751 | 28,31,45,017 | 33,03,92,650 | 36,06,97,404 | 41,12,76,531 |
| 15. Other City services ... | 59,50,40,103 | 74,14,92,576 | 82,10,24,953 | 91,75,67,784 | 1,10,86,63,720 |
| 16. Debt Charges ... | 14,75,47,068 | 16,35,53,207 | 19,58,36,570 | 23,32,51,011 | 27,51,73,824 |
| Total Expenditure ... | 1,13,97,51,079 | 1,37,55,19,529 | 1,56,68,56,293 | 1,79,04,15,859 | 2,09,98,69,975 |

Div.—I

* As per Census 1971. § (As Finally intimated by Dy. Director of Census)

§§ Incidence of Taxation per head of population exclusive of Water Tax, Sewerage Tax and Education Cess.

† As per Census 1981 as intimated by H. O.

†† As finally intimated by the Director of Census.

††† As intimated by H.O.

APPENDIX No. 2.

(Consolidated)

Revenue Account for the year ended 31st March 1984

| Particulars | Total | | Particulars | Total. | |
|---|--------------------|----|--|-------------------|----|
| | Rs. | P. | | Rs. | P. |
| To Revenue Expenditure | 2,09,98,69,974.85 | | By Revenue Receipts | 2,32,44,12,670.12 | |
| Surplus for the year | 22,45,42,695.27 | | | | |
| | 2,32,44,12,670.12 | | | 2,32,44,12,670.12 | |
| | | | | Rs. | P. |
| | | | By Surplus Revenue Fund as at 1st April 1983 | 27,00,14,406.74 | |
| | | | By Surplus for the year | 22,45,42,695.27 | |
| To Revenue Expenditure to be incurred in 1984-85 and provided for as renewed grants | 13,30,00,000.00 | | | 49,45,57,102.01 | |
| To Balance being Surplus Revenue Fund as at 31st March 1984 as per Appendix No. 5 of Division I | 2,16,35,35,306.02 | | By Revenue of previous years reserved for the year 1983-84 | 7,55,70,000.00 | |
| " II | —1,51,43,81,828.89 | | | | |
| " III | —21,20,26,375.12 | | | | |
| | 43,71,27,102.01 | | | 7,55,70,000.00 | |
| | 57,01,27,102.01 | | | 57,01,27,102.01 | |

Appendix No 5

Revenue & Suspence Account, Balance Sheet as at 31-3-1984.

Budget 'A'

(Consolidated)

| Liabilities | Amount | | | | Assets | Amount. | | | |
|---|-----------------|----|-------------------------|----|--|-----------------|----|-----|-------------------------|
| | Rs. | P. | Rs. | P. | | Rs. | P. | Rs. | P. |
| (A) Outstanding liabilities— | | | | | | | | | |
| Cash Bill Outstanding | | | | | Cash at Bank— | | | | |
| Budget 'A' Div. I .. | 12,62,991.27 | | | | Div. I .. Cr. | 4,08,05,676.33 | | | |
| " II .. | 7,10,567.95 | | | | Div. II .. Cr. | 1,58,98,644.38 | | | |
| " III .. | 46,080.40 | | | | Div. III .. | 10,17,056.54 | | | |
| | | | 20,19,639.62 | | | | | | Cr. 5,56,87,264.17 |
| Cheques Payable A/c | | | | | Cash in Office— | | | | |
| Budget 'A' Div. I .. | 4,93,85,250.99 | | | | Div. I .. | 10,57,91,178.44 | | | |
| " II .. | 86,25,431.27 | | | | Div. II .. | 3,22,11,084.78 | | | |
| " III .. | 57,09,995.78 | | | | Div. III .. | 1,76,67,000.39 | | | |
| | | | 6,37,20,678.04 | | | | | | 15,56,69,263.61 |
| Stores Purchase Outstanding A/c. | | | 15,46,837.76 | | Municipal Loans-Interest Warrant Payable Account | | | | |
| Stock Adjustment A/c. | | | 2,05,670.41 | | Budget 'A' Div. I .. | 2,05,271.32 | | | |
| Capital Stores Purchase A/c (Foras Rd.) | | | 6,80,180.47 | | " II .. | 11,650.25 | | | 2,16,921.57 |
| Outstanding charges for 1983-84 and previous year | | | | | B. I. T. Loans Interest Warrant Payable Account | | | | 6,054.55 |
| Budget 'A' Div. I .. | 9,30,00,000.00 | | | | Interest on B. I. T. Loans payable Account | | | | 760.00 |
| " II .. | 2,00,00,000.00 | | | | Interest on Suburban Loan with State Bank of India Budget 'A' Div. II .. | | | | 42,368.40 |
| " III .. | 2,00,00,000.00 | | 13,30,00,000.00 | | Due for Stores Sold | | | | 8,84,57,862.78 |
| Outstanding charges in respect of Interest Accrued but not paid Budget 'A' Div. I .. | 97,27,276.05 | | | | Advances Recoverable Account Budget 'A' Div. I .. | 27,25,22,245.30 | | | |
| Div. II .. | 1,51,54,316.60 | | | | " II .. | 5,77,22,252.88 | | | |
| | | | 2,48,81,592.65 | | " III .. | 65,52,018.86 | | | 33,67,96,517.04 |
| Deposit in Cash and Public Securities from contractors and Private Parties Budget 'A' Div. I .. | 52,62,56,851.96 | | | | Reserve Stores purchase A/c. | | | | 4,05,929.67 |
| " II .. | 33,73,04,055.22 | | | | Capital Stores Purchase A/c. | | | | Cr. 50,41,322.08 |
| " III .. | 10,35,11,982.96 | | | | Capital Store Stock A/c. | | | | ... |
| | | | 96,70,72,890.14 | | Unadjusted Reserve Stores A/c. Stock | | | | 83,26,959.23 |
| Interest on loans payable A/c. Budget 'A' Div. I .. | 2,28,383.75 | | | | Unadjusted Reserve Stores A/c. Stock (F. R.) | | | | Cr. 6,28,407.41 |
| " II .. | 6,75,162.53 | | | | Advance from Surplus Moneys for financing Capital work Expenditure— | | | | |
| | | | 9,03,546.28 | | Budget 'A' Div. I .. | 11,19,34,480.48 | | | |
| Amount Payable to Budget 'E' | | | 64,14,618.50 | | " II .. | 12,20,99,584.19 | | | |
| Amount Payable to Budget 'G' | | | 59,78,14,383.61 | | " III .. | 15,07,55,635.56 | | | |
| | | | | | | | | | 38,47,89,700.23 |
| | | | | | Budget 'B' | | | | 22,09,33,046.03 |
| | | | | | | | | | 60,57,22,746.26 |
| | | | | | Deposit in Securities from Pub. With State Bank of India— | | | | |
| | | | | | Budget 'A' Div. I .. | 1,43,29,400.00 | | | |
| | | | | | " II .. | 10,44,190.12 | | | |
| | | | | | | | | | 1,53,73,590.12 |
| Total—Outstanding Liabilities | | | 179,82,60,037.48 | | In Office— | | | | |
| | | | | | Budget 'A' Div. I .. | 2,40,550.00 | | | |
| | | | | | " II .. | 17,52,355.00 | | | |
| | | | | | " III .. | 1,72,530.00 | | | |
| | | | | | | | | | 21,65,435.00 |
| | | | | | Investment of Surplus Moneys in Public Securities | | | | 38,013.14 |
| | | | | | Investments of Balance held— | | | | |
| | | | | | In Securities | 7,47,92,967.18 | | | |
| | | | | | In Fixed Deposits | 51,94,89,000.00 | | | |
| | | | | | In Interest bearing Current A/c. | 5,20,74,186.24 | | | |
| | | | | | In Cash with S. B. I. | 38,456.35 | | | |
| | | | | | | | | | 64,63,94,609.77 |
| Total C. F. | | | 179,82,60,037.48 | | Total C. F. | | | | 179,82,60,037.48 |

Appendix No. 5 —Contd.

Revenue & Suspence Account Balance Sheet as at 31-3-1984. (Contd.)

Budget 'A'

(Consolidated)

| LIABILITIES | AMOUNT | | ASSETS | AMOUNT | |
|--|--------------|-------------------|--|--------------|-------------------|
| | | Rs. P. | | | Rs. P. |
| Total—B. O. .. | | 179,82,60,037.48 | Total—B. O. .. | | 1,79,82,60,037.48 |
| (B) Special Fund Account' | | | Investment of Special Funds in Securities' | | |
| Municipal Fire and Accident Insurance Fund A/c. .. | | 80,13,891.37 | Provident Fund .. | | 76,86,46,673.81 |
| Net Premia Fund Account .. | | 18,35,078.41 | Hospital Fund— Budget 'A' Div. II .. | | 2,36,100.00 |
| Provident Fund Account .. | | 76,86,46,685.74 | Fidelity Guarantee Ins. Fund .. | | 9,64,300.00 |
| Pension Fund Account .. | | 37,02,58,290.38 | Public Monument Maintenance Fund .. | | |
| Hospital Fund Account— Budget, 'A' Div. I .. | 20,14,383.72 | | Budget 'A' Div. I .. | 1,22,873.34 | |
| " II .. | 2,36,191.87 | | " II .. | 16,300.00 | |
| | | 22,50,575.59 | | | 1,39,173.34 |
| G. S. M. College, K.E. M. Hospital Research Fund Account .. | | 10,83,459.27 | Endowment Fund .. | | 13,61,288.89 |
| | | | Motor Vehicles (Third Party) Insurance Fund .. | | 11,50,000.00 |
| | | | Tree Authority Fund .. | | 45,00,600.00 |
| | | | Mechanically Propelled Vessels (T.P) Insurance Fund .. | | 6,09,300.00 |
| | | | Municipal Fire & Accident Insurance Fund .. | | 80,13,800.00 |
| Fidelity Guarantee Insurance Fund A/c. .. | | 9,64,348.70 | Total—Inv. in Securities .. | | 78,56,21,236.04 |
| Land (Recl. & Acqn.) Fund .. Account | | 2,20,17,639.97 | Investment of Special Funds in Fixed Deposit and Cash etc. | | |
| Public Monument Maintenance Fund Account— Budget 'A' Div. I .. | 1,22,965.34 | | Municipal Fire and Accident Insurance Fund .. | | 91.37 |
| " II .. | 16,317.94 | | Net Premia Fund .. | | 18,35,078.41 |
| | | 1,39,283.28 | Provident Fund .. | | 11.93 |
| Endowment Fund Account .. | | 14,28,502.04 | Pension Fund .. | | 37,02,58,290.38 |
| Fire Brigade Employees (Operational Staff) Accident Compensation Fund A/C .. | | 8,31,316.65 | Hospital Fund Budget 'A' Div. I .. | 20,14,383.72 | |
| Motor Vehicles (Third Party) Insurance Fund A/c .. | | 12,00,000.00 | " II .. | 91.87 | |
| Mechanically Propelled Vessels (T. P.) Insurance Fund A/c. | | 6,09,349.70 | | | 20,14,475.59 |
| Development Fund for Secondary Schools A/C .. | | 85,84,588.97 | G. S. M College and K. E. M. Hospital Research Fund .. | | 10,83,459.27 |
| Tree Authority Fund A/C .. | | 45,00,652.77 | Fidelity Guarantee Insurance Fund .. | | 48.70 |
| | | | Land (Recl. & Acqn.) Fund .. | | 2,20,17,639.97 |
| | | | Public Monuments Maintenance Fund .. | | |
| | | | Budget 'A' Div. I .. | 92.00 | |
| | | | " II .. | 17.94 | |
| | | | | | 109.94 |
| | | | Endowment Fund .. | | 67,213.15 |
| | | | Fire Brigade Employees (Operational Staff) Accident Compensation Fund .. | | 8,31,316.65 |
| | | | Motor Vehicles (Third Party) Insurance Fund .. | | 50,000.00 |
| | | | Mechanically propelled vessels (T. P.) Insurance Fund .. | | 49.70 |
| | | | Development Fund for Secondary Schools .. | | 85,84,588.97 |
| | | | Tree Authority Fund .. | | 52.77 |
| Total—Special Fund A/c. .. | | 1,19,23,63,662.84 | Total Investment in Fixed Deposits and in Cash .. | | 40,67,42,426.80 |
| | | | Total Investment Special Fund .. | | 119,23,63,662.84 |
| Total—C. F. .. | | 2,99,06,23,700.32 | Tota—C. F. .. | | 2,99,06,23,700.32 |

Appendix No. 5 (Concl.)

Revenue & Suspence Account, Balance Sheet as at 31-3-1984. (Concl.)

Budget 'A'

(Consolidated)

| Liabilities | Amount | | | | Assets | Amount | | | |
|-----------------------------|-------------------|----|------------------|----|---|-----------------|----|------------------|-----------------|
| | Rs. | P. | Rs. | P. | | Rs. | P. | Rs. | P. |
| Total—B.O. .. | | | 299,06,23,700.32 | | Total—B.O. .. | | | 299,06,23,700.32 | |
| © Surplus Revenue Fund A/c. | | | | | Investment of Surplus Revenue Fund | | | | |
| Budget 'A' Div. I .. | 2,16,35,35,306.02 | | | | General Reserve Stores Account Stock—(App. 17) .. | | | 69,67,029.03 | |
| „ II (Deficit) .. | 151,43,81,828.89 | | | | Advances out of S. C. B.— | | | | |
| „ III (Deficit) .. | 21,20,26,375.12 | | | | Budget 'A' Div. I .. | 29,09,82,777.50 | | | |
| | | | 43,71,27,102.01 | | „ II .. | 9,86,97,702.72 | | | |
| | | | | | „ III .. | 4,00,33,897.76 | | | 42,97,14,377.98 |
| | | | | | Investments of Balance held— | | | | |
| | | | | | In Securities .. | | | | |
| | | | | | In Fixed Deposits .. | | | | |
| | | | | | In Interest bearing Current A/c. .. | | | | |
| | | | | | In Cash with S.B.I. .. | 4,45,695.00 | | | 4,45,695.00 |
| Grand Total .. | | | 43,71,27,102.01 | | Total Surplus Revenue Fund .. | | | 43,71,27,102.01 | |
| | | | 342,77,50,802.33 | | Grand Total .. | | | 342,77,50,802.33 | |

Investments of Surplus Fund.

| Budget 'A' | Securities | | Fixed Deposit | | Interest bearing Current A/c. | | State Bank of India. Cash Deposits | | Total | |
|------------------------|----------------|----|-----------------|----|-------------------------------|----|------------------------------------|----|-----------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| Division I .. | 4,71,72,239.98 | | 51,94,89,000.00 | | 4,94,79,243.17 | | 4,12,353.49 | | 61,65,52,836.64 | |
| Division II (W.S.) .. | 2,76,20,727.20 | | | | 1,41,474.04 | | 71,797.86 | | 2,78,33,999.10 | |
| Division III (E.S.) .. | | | | | 24,53,469.03 | | | | 24,53,469.03 | |
| Total .. | 7,47,92,967.18 | | 51,94,89,000.00 | | 5,20,74,186.24 | | 4,84,151.35 | | 64,68,40,304.77 | |

Div.—

APPENDIX No. 7
CAPITAL ACCOUNT BALANCE SHEET AS AT 31ST MARCH 1984 (Budget 'A')
(Consolidated)

| PARTICULARS | LIABILITIES | | | | ASSETS | | | | | | | | | |
|--|--------------------------|----|--------------------------|----|------------------------|--------------------------|-------------------|-----------------------|--------------------------|--------|--------------------------|---------|------------------------|--------------------------|
| | Div. I | | Div. II | | Div. III | TOTAL | | | PARTICULARS | Div. I | | Div. II | Div. III | TOTAL |
| | Rs | P. | Rs | P. | | Rs | Rs | P. | | Rs. | P. |  |  |  | Rs. | P. |
| Loans Outstanding Due to Public .. | 1,09,91,08,822.86 | | 1,15,08,25,813.00 | | 4,60,00,000.00 | 2,28,79,34,635.86 | | | | | | | | |
| Advances from Surplus Monies .. | 11,19,34,480.48 | | 12,20,99,584.19 | | 15,07,55,635.56 | 38,47,89,700.23 | | | | | | | | |
| Trust Fund Account— Donation from— The Trustees of the late Justice Badruddin Tyabji Memorial Fund for the Construction of Orchard House at Victoria Garden .. | 1,694.50 | | | | | 1,694.50 | | | | | | | | |
| Reserve Bank of India for construction of a ward of 38/40 beds for accommodating their sick employees in K. E. M. Hospital .. | 46,577.39 | | | | | 46,577.39 | | | | | | | | |
| | | | | | | 48,271.89 | | | | | | | | |
| SURPLUS— Capital Assets at Original Cost Over Liabilities Sinking Fund on Loans .. | 41,03,70,914.70 | | 27,36,52,431.78 | | | 68,40,23,346.48 | | | | | | | | |
| Contribution from Special Fund .. | 8,03,171.02 | | | | | 8,03,171.02 | | | | | | | | |
| Do. Revenue for Loan Works Establishment .. | 17,869.98 | | | | | 17,869.98 | | | | | | | | |
| Do. Port Trust .. | 1,56,500.00 | | | | | 1,56,500.00 | | | | | | | | |
| Do. Government for Schools .. | 5,00,000.00 | | | | | 5,00,000.00 | | | | | | | | |
| Do. Government for widening the Love Grove Bridge .. | 91,234.00 | | | | | 91,234.00 | | | | | | | | |
| Do. Land and Buildings Fund .. | 43,03,043.42 | | | | | 43,03,043.42 | | | | | | | | |
| Do. Development Fund .. | 1,29,89,110.46 | | | | | 1,29,89,110.46 | | | | | | | | |
| Do. Revenue towards Bai Jerbai Wadia Hos- pital for Children .. | 7,00,000.00 | | | | | 7,00,000.00 | | | | | | | | |
| Do. Trust Fund .. | 83,23,829.47 | | 4,25,215.69 | | | 87,49,045.16 | | | | | | | | |
| Do. Trustees Gokuldas Tejpal Charities .. | 18,123.64 | | | | | 18,123.64 | | | | | | | | |
| Do. Budget 'A' Division I .. | | | 3,00,000.00 | | | 3,00,000.00 | | | | | | | | |
| Grant-in-aid from Govt. for widening the Road in Colaba Division .. | 12,975.87 | | | | | 12,975.87 | | | | | | | | |
| Grant in Aid from Infrastructure Compost Plant .. | 26,36,152.00 | | | | | 26,36,152.00 | | | | | | | | |
| Loan Redemption Fund .. | 37,19,46,334.01 | | 21,81,27,655.01 | | | 59,00,73,989.02 | 1,30,53,74,561.05 | | | | | | | |
| Grand Total .. | 2,02,39,60,833.80 | | 1,76,54,30,699.67 | | 19,07,55,635.56 | 3,98,01,47,169.03 | | Grand Total .. | 2,02,39,60,833.80 | | 1,76,54,30,699.67 | | 19,07,55,635.56 | 3,98,01,47,169.03 |

APPENDIX No. 8
(CONSOLIDATED)
Capital Works Expenditure Budget 'A' (Summary).

| CAPITAL ACCOUNT | TOTAL CAPITAL WORKS EXPENDITURE UPTO 31ST MARCH 1983. | | | | CAPITAL WORKS EXPENDITURE DURING THE YEAR 1983-84. | | | | TOTAL CAPITAL WORKS EXPENDITURE UPTO 31ST MARCH 1984 | | | |
|--|--|--------------------|---------------------|----------------|---|--------------------|---------------------|-----------------|---|--------------------|---------------------|----------------|
| | Div.—I (City) | Div.—II (W. S.) | Div.—III (E. S.) | Total | Div.—I (City) | Div.—II (W. S.) | Div.—III (E. S.) | Total | Div.—I (City) | Div.—II (W. S.) | Div.—III (E. S.) | Total |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| (1) Loan Funds— | | | | | | | | | | | | |
| I—General Supervision etc. | 5,36,94,570 | 3,21,74,330 | 1,64,152 | 8,60,33,052 | 1,09,54,882 | 84,07,127 | 4,84,617 | 1,98,46,626 | 6,46,49,452 | 4,05,81,457 | 6,48,769 | 10,58,79,678 |
| Education, Primary | 27,98,012 | 1,24,024 | .. | 29,22,036 | .. | .. | .. | .. | 27,98,012 | 1,24,024 | .. | 29,22,036 |
| II—Free Reading Rooms etc | 15,68,199 | 67,040 | .. | 16,35,239 | .. | .. | .. | .. | 15,68,199 | 67,040 | .. | 16,35,239 |
| III.—Street Cleansing and Conservancy etc. | 3,48,42,998 | 2,37,45,385 | 2,59,547 | 5,88,47,930 | 53,61,849 | 11,73,248 | 35,25,490 | 1,00,60,587 | 4,02,04,847 | 2,49,18,633 | 37,85,037 | 6,89,08,517 |
| IV.—S. W. Drains etc. | 29,31,47,143 | 37,32,55,330 | 54,91,410 | 67,18,93,883 | 70,25,706 | 43,69,691 | 38,99,823 | 1,52,95,220 | 30,01,72,849 | 37,76,25,021 | 93,91,233 | 68,71,89,103 |
| V.—Mechanical | 23,84,296 | 67,576 | .. | 24,51,872 | .. | .. | .. | .. | 23,84,296 | 67,576 | .. | 24,51,872 |
| VI.—Bldgs. Land Acqn. etc. | 14,56,94,069 | 6,61,18,431 | 4,73,670 | 21,22,86,170 | 2,13,49,136 | Cr. 37,43,708 | 14,00,356 | 1,90,05,784 | 16,70,43,205 | 6,23,74,723 | 18,74,026 | 23,12,91,954 |
| VII.—Fire Brigade | 1,17,76,250 | 1,72,38,939 | 1,051 | 2,90,16,240 | 11,96,539 | 87,54,827 | 3,55,618 | 1,03,06,984 | 1,29,72,789 | 2,59,93,766 | 3,56,669 | 3,93,23,224 |
| VIII—Licensing, Removal of Encroachments. | 12,96,652 | .. | .. | 12,96,652 | .. | .. | .. | .. | 12,96,652 | .. | .. | 12,96,652 |
| IX.—Gardens & Open Spaces | 2,88,77,792 | 5,06,05,035 | 1,77,80,717 | 9,72,63,544 | 16,95,617 | 1,38,12,101 | 2,21,80,601 | 3,76,88,319 | 3,05,73,409 | 6,44,17,136 | 3,99,61,318 | 13,49,51,863 |
| X.—Markets & Slaughter Houses. | 5,83,31,481 | 3,18,68,810 | 4,46,524 | 9,06,46,815 | 37,38,434 | 18,12,799 | 5,50,409 | 61,01,642 | 6,20,69,915 | 3,36,81,609 | 9,96,933 | 9,67,48,457 |
| XI.—Deonar Abattoir. | 5,70,51,212 | .. | .. | 5,70,51,212 | .. | .. | 4,96,968 | 4,96,968 | 5,70,51,212 | .. | 4,96,968 | 5,75,48,180 |
| Slum Service | 50,75,492 | .. | .. | 50,75,492 | .. | .. | .. | .. | 50,75,492 | .. | .. | 50,75,492 |
| XII—Village Amenities. | .. | 76,36,483 | 10,74,040 | 87,10,523 | .. | 3,60,135 | 2,99,896 | 6,60,031 | .. | 79,96,618 | 13,73,936 | 93,70,554 |
| Measures for Civil Defence | 1,87,14 | .. | .. | 1,87,148 | .. | .. | .. | .. | 1,87,148 | .. | .. | 1,87,148 |
| Greater Bombay | 2,81,069 | .. | .. | 2,81,069 | .. | .. | .. | .. | 2,81,069 | .. | .. | 2,81,069 |
| XIII—Industrial Estates. | 1,05,92,910 | 80 | .. | 1,05,92,990 | 1,07,229 | .. | .. | 1,07,229 | 1,07,00,139 | 80 | .. | 1,07,00,219 |
| XIV.—Centenary Celebration Works | .. | 1,94,36,829 | 23,63,649 | 2,18,00,478 | .. | 65,55,376 | 23,71,082 | 89,26,458 | .. | 2,59,92,205 | 47,34,731 | 3,07,26,936 |
| Municipal Power Laundry | 62,123 | .. | .. | 62,123 | 1,61,812 | .. | .. | 1,61,812 | 2,23,935 | .. | .. | 2,23,935 |
| Discount & Other charges on Loan | 52,621 | 45,223 | .. | 97,844 | Cr. 52,620 | .. | .. | Cr. 52,620 | 1 | 45,223 | .. | 45,224 |
| XV.—Traffic Operations. | 29,57,81,366 | 52,05,83,693 | 6,68,30,578 | 88,31,95,637 | 8,05,23,291 | 8,73,60,439 | 4,48,42,119 | 21,27,25,849 | 37,63,04,657 | 60,79,44,132 | 11,16,72,697 | 1,09,59,21,486 |
| XXI.—Public Health Department | 2,17,31,069 | 2,19,28,212 | 11,49,042 | 4,48,08,323 | 27,39,300 | 1,38,71,998 | 21,45,473 | 1,87,56,771 | 2,44,70,369 | 3,58,00,210 | 32,94,515 | 6,35,65,094 |
| XXII.—Medical Relief & Education | 21,04,73,294 | 10,89,36,557 | 84,40,558 | 32,18,50,409 | 6,19,94,247 | 2,96,53,568 | 70,94,160 | 9,87,41,975 | 27,24,67,541 | 13,85,90,125 | 95,34,718 | 42,05,92,384 |
| XXIII—Measures to control environmental pollution in Greater Bombay. | 1,27,20,801 | .. | .. | 1,27,20,801 | 1,80,353 | .. | .. | 1,80,353 | 1,29,01,154 | .. | .. | 1,29,01,154 |
| Suspense Account, Mechanical Transport | 39,18,365 | 1,38,66,792 | 46,125 | 1,78,31,282 | 9,00,661 | 38,26,562 | 10,250 | 47,37,473 | 48,19,026 | 1,76,93,354 | 56,375 | 2,25,68,755 |
| Plant and Machinery out of different Special Fund. | 55,823 | .. | .. | 55,823 | .. | .. | .. | .. | 55,823 | .. | .. | 55,823 |
| | 11,64,53,264 | 2,39,78,387 | 13,88,520 | 14,18,20,171 | Cr 1,59,55,993 | 34,61,733 | 11,89,190 | Cr. 1,13,05,070 | 10,04,97,271 | 2,74,40,120 | 25,77,710 | 13,05,15,101 |
| Total (1) Loan Fund | 1,36,88,48,019 | 1,31,16,77,156 | 9,99,09,583 | 2,78,04,34,758 | 18,19,20,443 | 17,96,75,896 | 9,08,46,052 | 45,24,42,391 | 1,55,07,68,462 | 1,49,13,53,052 | 19,07,55,635 | 3,23,28,77,149 |
| Trust Fund works executed | 83,23,829 | 3,27,408 | .. | 86,51,237 | .. | .. | .. | .. | 83,23,829 | 3,27,408 | .. | 86,51,237 |
| Land Bldg. Fund | 43,03,044 | .. | .. | 43,03,044 | .. | .. | .. | .. | 43,03,044 | .. | .. | 43,03,044 |
| Land purchased & Bldgs. erected | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Grand Total | 1,38,14,74,892 | 1,31,20,04,564 | 9,99,09,583 | 2,79,33,89,039 | 18,19,20,443 | 17,96,75,896 | 9,08,46,052 | 45,24,42,391 | 1,56,33,95,335 | 1,49,16,80,460 | 19,07,55,635 | 3,24,58,31,430 |

APPENDIX No. 11
(CONSOLIDATED)

Outstanding Balances of Loans on 31st March 1984 pertaining to Budget 'A'

| Serial No. | Particulars of Loans | Rate of Interest per annum | Outstanding Loan Balance on 31st March 1984 | Serial No. | Particulars of Loans | Rate of Interest per annum | Outstanding Loan Balance on 31st March 1984 |
|------------|--|----------------------------|---|------------|--|----------------------------|---|
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | BUDGET 'A' DIV. I Loans raised from Public | | Rs. | | BUDGET 'A' DIV. II (Subs.) Loans raised from Public | | Rs. |
| 1 | Rs. 170 lakhs Loan 1960-61 | 4½% | 1,70,00,000.00 | 40 | Rs. 10 lakhs Loan 1960-61 | 4½% | 10,00,000.00 |
| 2 | Rs. 225 lakhs Loan 1961-62 | 4½% | 2,25,00,000.00 | 41 | Rs. 50 lakhs Loan 1961-62 | 4½% | 50,00,000.00 |
| 3 | Rs. 150 lakhs Loan 1962-63 | 4½% | 1,50,00,000.00 | 42 | Rs. 50 lakhs Loan 1963-64 | 4½% | 50,00,000.00 |
| 4 | Rs. 235 lakhs Loan 1963-64 | 4½% | 2,35,00,000.00 | 43 | Rs. 70 lakhs Loan 1964-65 | 4½% | 70,00,000.00 |
| 5 | Rs. 100 lakhs Loan 1964-65 | 4½% | 1,00,00,000.00 | 44 | Rs. 50 lakhs Loan 1965-66 | 6% | 50,00,000.00 |
| 6 | Rs. 300 lakhs Loan 1965-66 | 6% | 3,00,00,000.00 | 45 | Rs. 50 lakhs Loan 1966-67 | 6% | 50,00,000.00 |
| 7 | Rs. 200 lakhs Loan 1965-66 | 6% | 2,00,00,000.00 | 46 | Rs. 50 lakhs Loan 1967-68 | 6% | 50,00,000.00 |
| 8 | Rs. 400 lakhs Loan 1966-67 | 6% | 4,00,00,000.00 | 47 | Rs. 50 lakhs Loan 1968-69 | 6% | 50,00,000.00 |
| 9 | Rs. 250 lakhs Loan 1966-67 | 6% | 2,50,00,000.00 | 48 | Rs. 150 lakhs Loan 1972-73 | 6% | 1,65,00,000.00 |
| 10 | Rs. 800 lakhs Loan 1967-68 | 6% | 8,00,00,000.00 | 49 | Rs. 100 lakhs Loan 1972-73 | 6% | 1,00,00,000.00 |
| 11 | Rs. 325 lakhs Loan 1968-69 | 6% | 3,25,00,000.00 | 50 | Rs. 100 lakhs Loan 1973-74 | 6% | 1,10,00,000.00 |
| 12 | Rs. 600 lakhs Loan 1969-70 | 7% | 6,00,00,000.00 | 51 | Rs. 100 lakhs Loan 1973-74 | 6% | 1,00,00,000.00 |
| 13 | Rs. 260 lakhs Loan 1972-73 | 6% | 2,86,00,000.00 | 52 | Rs. 150 lakhs Loan 1974-75 | 6½% | 1,65,00,000.00 |
| 14 | Rs. 200 lakhs Loan 1972-73 | 6% | 2,00,00,000.00 | 53 | Rs. 100 lakhs Loan 1974-75 | 6% | 1,00,00,000.00 |
| 15 | Rs. 400 lakhs Loan 1972-73 | 6% | 4,00,00,000.00 | 54 | Rs. 150 lakhs Loan 1975-76 | 6½% | 1,65,00,000.00 |
| 16 | Rs. 400 lakhs Loan 1973-74 | 6% | 4,40,00,000.00 | 55 | Rs. 250 lakhs Loan 1975-76 | 6½% | 2,50,00,000.00 |
| 17 | Rs. 250 lakhs Loan 1973-74 | 6% | 2,50,00,000.00 | 56 | Rs. 200 lakhs Loan 1976-77 | 6½% | 2,20,00,000.00 |
| 18 | Rs. 250 lakhs Loan 1974-75 | 6½% | 2,50,00,000.00 | 57 | Rs. 300 lakhs Loan 1976-77 | 6½% | 3,00,00,000.00 |
| 19 | Rs. 150 lakhs Loan 1974-75 | 6½% | 1,65,00,000.00 | 58 | Rs. 250 lakhs Loan 1976-77 | 6½% | 2,50,00,000.00 |
| 20 | Rs. 100 lakhs Loan 1975-76 | 6½% | 1,10,00,000.00 | 59 | Rs. 600 lakhs Loan 1977-78 | 6½% | 6,60,00,000.00 |
| 21 | Rs. 100 lakhs Loan 1975-76 | 6½% | 1,00,00,000.00 | 60 | Rs. 450 lakhs Loan 1978-79 | 6½% | 4,95,00,000.00 |
| 22 | Rs. 225 lakhs Loan 1976-77 | 6½% | 2,47,50,000.00 | 61 | Rs. 250 lakhs Loan 1978-79 | 6½% | 2,50,00,000.00 |
| 23 | Rs. 300 lakhs Loan 1976-77 | 6½% | 3,00,00,000.00 | 62 | Rs. 850 lakhs Loan 1979-80 | 6% | 9,35,00,000.00 |
| 24 | Rs. 400 lakhs Loan 1977-78 | 6½% | 4,40,00,000.00 | 63 | Rs. 450 lakhs Loan 1980-81 | 7% | 4,95,00,000.00 |
| 25 | Rs. 400 lakhs Loan 1977-78 | 7½% | 4,00,00,000.00 | 64 | Rs. 250 lakhs Loan 1980-81 | 6½% | 2,50,00,000.00 |
| 26 | Rs. 80 lakhs Loan 1978-79 | 6½% | 88,00,000.00 | | Total Div. II | | 53,90,00,000.00 |
| 27 | Rs. 150 lakhs Loan 1978-79 | 6½% | 1,50,00,000.00 | | BUDGET 'A' Div. III (Ext'd. Subs.) Loan raised from Public— | | |
| 28 | Rs. 500 lakhs Loan 1978-79 | 8% | 5,00,00,000.00 | 65 | Rs. 10 lakhs Loan 1960-61 | 4½% | 10,00,000.00 |
| 29 | Rs. 150 lakhs Loan 1979-80 | 6% | 1,65,00,000.00 | 66 | Rs. 25 lakhs Loan 1964-65 | 4½% | 25,00,000.00 |
| 30 | Rs. 550 lakhs Loan 1979-80 | 7% | 5,50,00,000.00 | 67 | Rs. 50 lakhs Loan 1965-66 | 6% | 50,00,000.00 |
| 31 | Rs. 450 lakhs Loan 1980-81 | 7% | 4,95,00,000.00 | 68 | Rs. 40 lakhs Loan 1966-67 | 6% | 40,00,000.00 |
| 32 | Rs. 800 lakhs Loan 1980-81 | 6½% | 8,00,00,000.00 | 69 | Rs. 20 lakhs Loan 1967-68 | 6% | 20,00,000.00 |
| 33 | Rs. 600 lakhs Loan 1981-82 | 7½% | 6,60,00,000.00 | 70 | Rs. 150 lakhs Loan 1972-73 | 6% | 1,65,00,000.00 |
| 34 | Rs. 500 lakhs Loan 1981-82 | 7% | 5,00,00,000.00 | 71 | Rs. 100 lakhs Loan 1972-73 | 6% | 1,00,00,000.00 |
| 35 | US \$ 4.54 Millions Loan from World Bank (I B R D) thro. BMRDA | 9.2% | 3,33,13,596.00 | 72 | Rs. 100 lakhs Loan 1973-74 | 6% | 1,10,00,000.00 |
| 36 | Rs. 600 lakhs Loan 1982-83 | 7½% | 6,60,00,000.00 | 73 | Rs. 50 lakhs Loan 1973-74 | 6% | 50,00,000.00 |
| 37 | Rs. 600 lakhs Loan 1982-83 | 7½% | 6,00,00,000.00 | 74 | Rs. 50 lakhs Loan 1974-75 | 6½% | 55,00,000.00 |
| 38 | Rs. 600 lakhs Loan 1983-84 | 8½% | 6,60,00,000.00 | 75 | Rs. 50 lakhs Loan 1974-75 | 6½% | 50,00,000.00 |
| 39 | Rs. 700 lakhs Loan 1983-84 | 8½% | 7,00,00,000.00 | 76 | Rs. 100 lakhs Loan 1975-76 | 6½% | 1,10,00,000.00 |
| | Total I | | 1,42,04,63,596.00 | 77 | Rs. 50 lakhs Loan 1975-76 | 6½% | 50,00,000.00 |
| | Less: Amount transferred to Budget 'G' | | 32,13,54,773.14 | 78 | Rs. 150 lakhs Loan 1976-77 | 6½% | 1,50,00,000.00 |
| | Total Div. I | | 1,09,91,08,822.86 | 79 | Rs. 125 lakhs Loan 1976-77 | 6½% | 1,37,50,000.00 |
| | | | | 80 | Rs. 75 lakhs Loan 1976-77 | 6½% | 75,00,000.00 |
| | | | | 81 | Rs. 400 lakhs Loan 1977-78 | 6½% | 4,40,00,000.00 |
| | | | | 82 | Rs. 300 lakhs Loan 1978-79 | 6½% | 3,30,00,000.00 |
| | | | | 83 | Rs. 425 lakhs Loan 1979-80 | 6% | 4,67,50,000.00 |
| | | | | 84 | Rs. 450 lakhs Loan 1980-81 | 7% | 4,95,00,000.00 |
| | | | | 85 | Rs. 150 lakhs Loan 1980-81 | 6½% | 1,50,00,000.00 |
| | | | | | Total Div. III | | 30,80,00,000.00 |
| | | | | | Budget 'A' Div. II (Sub. & Ext. Sub.) | | |
| | | | | 86 | Rs. 650 lakhs Loan 1981-82 | 7½% | 7,15,00,000.00 |
| | | | | 87 | Rs. 100 lakhs Loan 1981-82 | 7½% | 1,10,00,000.00 |
| | | | | 88 | Rs. 500 lakhs Loan 1981-82 | 7% | 5,00,00,000.00 |
| | | | | 89 | Rs. 775 lakhs Loan 1982-83 | 7½% | 8,52,50,000.00 |
| | | | | 90 | Rs. 500 lakhs Loan 1982-83 | 7½% | 5,00,00,000.00 |
| | | | | | Total Div. II | | 26,77,50,000.00 |
| | | | | | Total | | 1,11,47,50,000.00 |
| | | | | | Less: Amount transferred to Budget 'G' | | - 5,19,24,187.00 |
| | | | | | Total Div. II & III | | 1,06,28,25,813.00 |
| | | | | | Budget 'A' Div. II (W. S.) | | |
| | | | | 91 | Rs. 800 lakhs Loan 1983-84 | 8½% | 8,80,00,000.00 |
| | | | | | Budget A Div. III (E. S.) | | |
| | | | | 92 | Rs. 400 lakhs Loan 1983-84 | 8½% | 4,00,00,000.00 |
| | | | | | Grand Total Budget 'A' | | 2,28,99,34,635.86 |

APPENDIX—15

(Consolidated)

Budgets 'A' and 'B'

Statement showing Receipts and Expenditure during the year 1983-84 and balance to the credit of the Municipal General Fund at the close of the year i. e. 31st March 1984.

| Account Heads | Division I (City) | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|--|----------------------|----|------------------------|----|-------------------------|----|---------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' (Part I) | | | | | | | | |
| RECEIPTS | | | | | | | | |
| A) Revenue Account Receipts | | | | | | | | |
| 1 General Tax, Indirect Taxation and Miscellaneous Revenue | | | | | | | | |
| A—General Tax. | 19,31,13,911.35 | | 15,19,03,738.40 | | 5,70,10,262.92 | | 40,20,27,912.67 | |
| B—Octroi. | 1,47,27,29,772.20 | | .. | | .. | | 1,47,27,29,772.20 | |
| BB—Theatre Tax | 18,20,673.45 | | 11,20,081.40 | | 6,09,786.70 | | 35,50,541.55 | |
| C—Other Receipts | | | | | | | | |
| (a) Grant-in-Aid of Fees for land conveyance, Music etc. Licenses | 1,240.00 | | .. | | .. | | 1,240.00 | |
| (b) Grant-in-Aid in respect of Fines for Offences against the Law | 31,31,066.05 | | .. | | .. | | 31,31,066.05 | |
| (c) Interest and Profit on Investment of Surplus Loan and Other Balances | 36,55,618.72 | | 19,69,017.40 | | Dr. 3,420.61 | | 56,21,215.51 | |
| (d) Miscellaneous | 1,62,17,840.37 | | Dr. 53,170.66 | | 6,16,371.71 | | 1,67,81,041.42 | |
| (e) Receipts on account of Municipal Journal | 8,134.00 | | .. | | .. | | 8,134.00 | |
| D—Receipts on account of proportionate Cost of Collection of Education Cess | 5,57,332.14 | | 3,18,433.13 | | 1,68,441.00 | | 10,44,206.27 | |
| E—Rebate from Govt. on account of collection of Education Cess | .. | | .. | | .. | | .. | |
| | 1,69,12,35,588.28 | | 15,52,58,099.67 | | 5,84,01,441.72 | | 1,90,48,95,129.67 | |
| 2. Museums. | 85,256.15 | | .. | | .. | | 85,256.15 | |
| 3. Free Reading Rooms and Libraries. | 451.00 | | 6,271.00 | | .. | | 6,722.00 | |
| 4. Municipal High School | 4,31,55,906.66 | | .. | | .. | | 4,31,55,906.66 | |
| 5. Street Cleansing, Conservancy and Halalkhore Service | 52,06,279.33 | | 35,73,188.35 | | 8,64,607.73 | | 96,44,075.41 | |
| 6. S. W. Drains etc. | 35,740.34 | | 2,900.00 | | 4,453.58 | | 43,093.92 | |
| 7. Mechanical and Electrical | 2,93,879.03 | | 3,12,017.51 | | .. | | 6,05,896.54 | |
| 8. Buildings, Land Acquisition and Management. | | | | | | | | |
| A—Sale Proceeds of Surplus Land. | 7,988.30 | | .. | | 100.50 | | 8,088.80 | |
| B—Other Receipts. | | | | | | | | |
| (a) Rent of Buildings. | 44,70,488.01 | | 4,03,433.98 | | 82,843.03 | | 49,56,765.02 | |
| (b) Ground Rent. | 8,40,712.29 | | 17,355.37 | | 92,318.06 | | 9,50,385.72 | |
| (c) Miscellaneous | 1,37,73,322.71 | | 3,63,34,287.63 | | 1,08,08,056.83 | | 6,09,15,667.17 | |
| C—Contribution from Capital Funds on account of Special Land Acquisition Staff. | 3,41,190.10 | | .. | | .. | | 3,41,190.10 | |
| | 1,94,33,701.41 | | 3,67,55,076.98 | | 1,09,83,318.42 | | 6,71,72,096.81 | |
| 9. Fire Brigade | | | | | | | | |
| A—Fire Tax | 1,22,62,584.12 | | 94,83,917.99 | | 35,71,963.35 | | 2,53,18,465.46 | |
| B—Other Receipts | 33,075.92 | | 24,434.44 | | 20,630.42 | | 78,140.78 | |
| | 1,22,95,660.04 | | 95,08,352.43 | | 35,92,593.77 | | 2,53,96,606.24 | |
| 10. Licensing, and Removal of Encroachments on Public Streets. | | | | | | | | |
| A—Licences for Dangerous and Offensive Trades | 1,30,43,795.94 | | 79,95,070.77 | | 54,35,073.23 | | 2,64,73,939.94 | |
| B—Removal of Encroachments on Public Streets etc. | 1,29,59,623.73 | | 23,87,888.09 | | 8,76,881.80 | | 1,62,24,393.62 | |
| C—Miscellaneous | 84,06,046.04 | | 13,70,313.77 | | 5,35,438.24 | | 1,03,11,798.05 | |
| | 3,44,09,465.71 | | 1,17,53,272.63 | | 68,47,393.27 | | 5,30,10,131.61 | |
| 11. Administration of Sheds and Establishment Act 1948. | 19,39,686.85 | | 8,35,729.50 | | 4,49,416.90 | | 32,24,833.25 | |
| 12. Gardens and Open Spaces | 15,92,156.49 | | 9,08,354.34 | | 3,90,512.73 | | 28,91,023.56 | |
| 13. Markets | 1,74,33,830.51 | | 34,24,714.43 | | 14,58,714.65 | | 2,23,17,259.59 | |
| 14. Deonar Abattoir. | .. | | .. | | 3,74,27,098.24 | | 3,74,27,098.24 | |

APPENDIX—15—(Contd.)
(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|---|----------------------|----|------------------------|----|-------------------------|----|---------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| Budget 'A' Receipts—(Contd.) | | | | | | | | |
| 15. Traffic Operations, Roads and Bridges— | | | | | | | | |
| A—Wheel Tax | 1,64,42,110.61 | | 45,49,547.35 | | 25,35,711.97 | | 2,35,27,369.93 | |
| B—Contributions from Govt. in lieu of Tolls | 49,854.00 | | 20,637.00 | | .. | | 70,491.00 | |
| C—Other Receipts | 64,39,096.62 | | 78,92,735.72 | | 73,74,027.19 | | 2,17,05,850.53 | |
| D—Ferry Receipts | .. | | 13,28,443.49 | | 107.93 | | 13,28,551.42 | |
| | 2,29,31,061.23 | | 1,37,91,363.56 | | 99,09,847.09 | | 4,66,32,271.88 | |
| 16. Contribution from Capital Funds to Revenue Account of Loan Works Staff | 71,47,509.55 | | 46,76,882.72 | | 25,08,715.72 | | 1,43,33,107.99 | |
| 17. Extra Ordinary Receipts | 1,01,53,930.00 | | 1,00,00,000.00 | | .. | | 2,01,53,930.00 | |
| 18. Transfer from the B. E. S. & T. Fund | 40,00,000.00 | | .. | | .. | | 4,40,00,000.00 | |
| 19. Rebate from Government on Account of Collection of U. I. P. Tax etc. | 44,20,663.18 | | 3,41,067.33 | | .. | | 47,61,730.51 | |
| 20. Receipts from Government on Account of Urban Immoveable Property Tax etc. | 8,17,196.32 | | .. | | .. | | 8,17,196.32 | |
| 21. Share in Entertainment Tax etc. | 2,58,39,837.00 | | .. | | .. | | 2,58,39,837.00 | |
| Total—Part I | 1,90,24,27,799.08 | | 25,11,47,290.45 | | 13,28,38,113.82 | | 2,28,64,13,203.35 | |
| Budget 'A' (Part II) | | | | | | | | |
| 31. Public Health Department | 45,88,751.99 | | 19,10,596.79 | | 9,49,749.24 | | 74,49,098.02 | |
| 32. Medical Relief and Education | 2,06,48,198.43 | | 30,88,765.84 | | 26,87,488.58 | | 2,64,24,452.85 | |
| 33. Measures to Control Environmental Air Pollution in Greater Bombay. | 13,87,248.87 | | 11,11,434.80 | | 16,27,232.23 | | 41,25,915.90 | |
| Total—Part II | 2,66,24,199.29 | | 61,10,797.43 | | 52,64,470.05 | | 3,79,99,466.77 | |
| Total—(A) Revenue Receipts | 1,92,90,51,998.37 | | 25,72,58,087.88 | | 13,81,02,583.87 | | 2,32,44,12,670.12 | |
| (B) Capital Account Receipts— | | | | | | | | |
| Loan Funds—Capital Receipts— | | | | | | | | |
| Debt Principal—New Loans of 1983-84 | 15,20,93,772.77 | | 8,80,00,000.00 | | 4,00,00,000.00 | | 28,00,93,772.77 | |
| Advance from Surplus Monies for Financing Loan Works Expenditure Special Funds | 3,33,10,243.14 | | Dr. 82,33,686.86 | | 15,07,55,635.56 | | 17,58,32,191.84 | |
| Recoupment of Advances from Loan Funds for Purchase of Plant and Machinery | 3,30,29,585.26 | | 50,98,637.20 | | .. | | 3,81,28,222.46 | |
| Non-recurring grant in aid for infrastructural Fed Compost Plant | .. | | .. | | .. | | .. | |
| Total—(B) Capital Receipts I + II | 21,84,33,601.17 | | 8,48,64,950.34 | | 19,07,55,635.56 | | 49,40,54,187.07 | |
| (C) Suspense Account Receipts— | | | | | | | | |
| I—Sinking and Special Fund Accounts— | | | | | | | | |
| Sinking Fund Account (Municipal) | 6,65,83,884.60 | | 7,13,15,997.90 | | .. | | 13,78,99,882.50 | |
| Special Fund Account | 42,79,79,025.15 | | .. | | .. | | 42,79,79,025.15 | |
| Total—I (S. and S. Funds) | 49,45,62,909.75 | | 7,13,15,997.90 | | .. | | 56,58,78,907.65 | |
| II—Paper and Cash Accounts— | | | | | | | | |
| 1. Sinking Fund | 9,09,04,443.71 | | 6,50,58,465.88 | | .. | | 15,59,62,909.59 | |
| 2. Special Funds | 4,91,99,672.21 | | .. | | .. | | 4,91,99,672.21 | |
| 3. Surplus Fund | 25,69,89,286.79 | | 8,87,46,290.22 | | 4,00,00,000.00 | | 38,57,35,577.01 | |
| 4. Loan Fund | .. | | .. | | .. | | .. | |
| 5. State Bank of India and Other Local Banks on Account of Sundry Deposits | 3,09,48,94,053.06 | | 10,89,78,408.39 | | 17,48,99,526.26 | | 3,37,87,71,987.71 | |
| Total—II (Paper & Cash) | 3,49,19,87,455.77 | | 26,27,83,164.49 | | 21,48,99,526.26 | | 3,96,96,70,146.52 | |
| III—Other Suspense Accounts— | | | | | | | | |
| Deposits Account | 1,20,97,59,363.61 | | 34,37,72,291.95 | | 31,00,20,070.93 | | 4,86,35,51,726.49 | |
| Reserve Stores Account | 6,43,77,145.53 | | .. | | .. | | 6,43,77,145.53 | |
| Capital Stores Accounts | 17,85,59,946.18 | | .. | | .. | | 17,08,55,946.18 | |
| Purchase of Petrol and Diesel Oil | 44,75,950.02 | | 40,31,251.74 | | .. | | 85,07,201.76 | |
| Advances to Public including Co-operative for Housing purposes | 79,40,700.83 | | .. | | .. | | 79,40,700.83 | |
| Advances Departmental Works | 99,73,301.57 | | 62,31,087.00 | | 52,02,369.31 | | 2,14,06,757.88 | |
| Advances Dept. Works—Traffic Amenities | .. | | .. | | 26,28,425.22 | | 26,28,425.22 | |
| Advances Municipal Workshops | 71,48,403.40 | | 44,22,872.16 | | .. | | 1,15,71,275.56 | |
| Municipal Foundry | 8,58,108.69 | | .. | | .. | | 8,58,108.69 | |
| Well Crushers | .. | | .. | | .. | | .. | |
| Mechanical Transport | 5,42,20,472.65 | | 3,67,01,921.64 | | .. | | 9,09,22,394.29 | |
| Asphalt Plant | 79,66,239.39 | | .. | | .. | | 79,66,239.39 | |

APPENDIX—15 (Contd.)
(CONSOLIDATED.)

| Account Heads | Division-I (City) | | Division-II (W. S.) | | Division-III (E. S.) | | Total Budget 'A' | |
|--|---------------------------|----|--------------------------|----|--------------------------|----|---------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| Budget 'A' Receipts (Contd.) | | | | | | | | |
| Municipal Printing Press | 1,38,72,759.33 | | .. | .. | .. | .. | 1,38,72,759.33 | |
| Rota Printing Unit | 44,87,556.37 | | .. | .. | .. | .. | 44,87,556.37 | |
| Advances Private Works | 21,77,360.61 | | .. | .. | .. | .. | 21,77,360.61 | |
| Advances Private Works-Traffic Amenities | .. | | 38,787.43 | | 29,272.84 | | 68,060.27 | |
| Reinstatement of Trenches | 1,33,68,556.15 | | Dr. 15,87,640.50 | | Dr. 17,65,223.55 | | 1,00,15,692.10 | |
| Advances Special Funds | 41,48,248.87 | | .. | .. | .. | .. | 41,48,248.87 | |
| Municipal Contractors | 2,03,266.76 | | 64,632.35 | | 5,10,729.07 | | 7,78,628.18 | |
| Municipal Tenderers | .. | | .. | .. | .. | .. | .. | |
| Sundry Advances Miscellaneous | 25,64,16,552.05 | | 13,93,72,384.84 | | 5,00,09,107.32 | | 44,57,98,044.21 | |
| Advances for Demolition of Unauthorised Structures and for removal of unsafe Buildings | 98,41,578.42 | | .. | .. | 86,342.39 | | 99,27,920.81 | |
| Advances for conversion of Basket Privies etc. | .. | | 14,328.14 | | .. | | 14,328.14 | |
| Advances to Municipal Officers | 9,00,711.86 | | 1,112.00 | | 4,461.00 | | 9,06,284.86 | |
| Interest accrued But Not Paid | 14,01,250.00 | | 17,95,190.97 | | .. | | 31,96,440.97 | |
| Interest receivable Account | .. | | .. | .. | .. | .. | .. | |
| Provident Fund | 12,31,32,173.30 | | 2,46,72,863.30 | | 1,71,72,684.59 | | 16,49,77,721.19 | |
| Welfare Fund | .. | | .. | .. | .. | .. | .. | |
| Fines Fund | 15,247.54 | | .. | .. | .. | .. | 15,247.54 | |
| Fidelity Guarantee Insurance Fund | 2,308.26 | | .. | .. | .. | .. | 2,308.26 | |
| B.M.C. Loans Interest Warrants Payable A/c.... | 2,77,43,728.36 | | 5,28,63,353.68 | | .. | | 8,06,07,082.04 | |
| Dishonoured Cheques | 3,03,30,128.07 | | 1,76,32,564.08 | | 73,53,131.88 | | 5,53,15,824.03 | |
| Cash Bills Outstanding Accounts | 13,87,404.68 | | 1,95,054.49 | | 49,125.62 | | 16,31,584.79 | |
| Cheques Payable | 7,51,17,21,134.76 | | 73,09,41,838.29 | | 55,68,07,003.00 | | 8,79,94,69,976.05 | |
| Wages Deposit Account | 3,86,46,477.05 | | 1,06,83,008.25 | | 75,43,654.85 | | 5,68,73,140.15 | |
| Loan Redemption Fund Municipal | 2,49,82,982.30 | | 4,77,51,040.00 | | .. | | 7,27,34,022.30 | |
| Repayment of Loans | .. | | 92,48,960.00 | | .. | | 92,48,960.00 | |
| Interest on B.M.C. Loans Payable Account | 2,28,383.75 | | 5,28,219.25 | | .. | | 7,56,603.00 | |
| Municipal Power Laundry | 80,72,528.70 | | .. | .. | .. | .. | 80,72,528.70 | |
| Advances from Surplus Monies for financing Loan Works Expenditure | .. | | 9,99,09,583.39 | | .. | | 9,99,09,583.39 | |
| Plant & Machinery Purchase out of Surplus Cash Balance | .. | | .. | .. | .. | .. | .. | |
| Pension Fund | 7,69,24,222.85 | | .. | .. | .. | .. | 7,69,24,222.85 | |
| Gratuities Fund | 44,76,294.69 | | .. | .. | .. | .. | 44,76,294.69 | |
| Amounts transferred within Budget 'A' Divns. | 57,66,43,370.41 | | 77,75,72,888.12 | | 42,95,90,908.28 | | 1,78,38,07,166.81 | |
| Amounts transferred to Budget 'G' | 1,23,69,59,938.76 | | .. | .. | .. | .. | 1,23,69,59,938.76 | |
| Improving Common House Gullies | 6,39,070.43 | | .. | .. | .. | .. | 6,39,070.43 | |
| Contribution Receivable from Budget 'E' | 43,70,26,722.73 | | .. | .. | .. | .. | 43,70,26,722.73 | |
| Advance for Deposit with outside bodies | 3,200.00 | | .. | .. | .. | .. | 3,200.00 | |
| Unadjusted Reserve Stores Account Stock | 83,56,982.99 | | .. | .. | .. | .. | 83,56,982.99 | |
| Halalkhore Services | .. | | 7,33,545.17 | | .. | .. | 7,33,545.17 | |
| Advances Special Funds for Purchase of Plant and Machinery. | .. | | .. | .. | .. | .. | .. | |
| Municipal Debt Interest | .. | | 7,70,23,686.24 | | .. | .. | 7,70,23,686.24 | |
| Advances for Improvemet of Private Streets | .. | | .. | .. | .. | .. | .. | |
| Total III—(Other Sup.) - .. | 14,95,16,85,771.92 | | 2,38,46,13,823.98 | | 1,38,52,42,062.75 | | 18,72,15,41,658.65 | |
| Total (C) Suspense Receipts | 18,93,82,36,137.44 | | 2,71,87,12,986.37 | | 1,60,01,41,589.01 | | 23,25,70,90,712.82 | |
| Total Receipts Budget 'A' | 21,08,57,21,736.98 | | 3,06,08,36,024.59 | | 1,92,89,99,808.44 | | 26,07,55,57,570.01 | |
| Tree Authority Budget | 23,13,188.59 | | .. | .. | .. | .. | 23,13,188.59 | |

APPENDIX—15—(Contd.)
(CONSOLIDATED)

| Account Heads | Improvement Scheme | | Slum Improvement | | Slum Clearance (City) | | Slum Clearance (Western & Eastern Suburbs) | | Total Budget 'B' | |
|--|------------------------|----|-----------------------|----|-----------------------|----|--|----|------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'B' RECEIPTS | | | | | | | | | | |
| (A) General Account Revenue | | | | | | | | | | |
| I Rent and other Proceeds of Properties. | 1,64,99,468.57 | | 3,29,78,030.12 | | 36,21,497.22 | | 6,80,576.34 | | 5,37,79,572.45 | |
| II Contribution from B. M. C. under section 125 (2) (d) of the B.M.C. Act. | 2,99,42,360.00 | | .. | | .. | | .. | | 2,99,42,360.00 | |
| IV Interest and Profit on Investments. | 371.40 | | .. | | .. | | .. | | 371.40 | |
| V Miscellaneous Receipts. | 53,64,982.44 | | 24,64,752.41 | | .. | | 1,54,945.23 | | 79,84,680.08 | |
| VI Grant Assistance from Govt. of India for Improvement Slums. | .. | | .. | | .. | | .. | | .. | |
| VII Appropriation from Capital Account to meet the deficit | 1,98,63,800.18 | | .. | | 36,54,666.25 | | 56,69,348.65 | | 2,91,87,815.08 | |
| Contribution from Budget 'A' | .. | | 3,00,46,143.70 | | .. | | .. | | 3,00,46,143.70 | |
| Total (A) General Account Revenue. | 7,16,70,982.59 | | 6,54,88,926.43 | | 72,76,163.47 | | 65,04,870.22 | | 15,09,40,942.71 | |
| (B) Capital Account Receipts | | | | | | | | | | |
| Sale Proceeds of Lands, Building etc. | 63,17,837.21 | | .. | | .. | | 1,53,227.95 | | 64,71,065.16 | |
| Transfer of Revenue Surplus from General Account | .. | | .. | | .. | | .. | | .. | |
| New Loans raised during 1983-84. | .. | | .. | | .. | | .. | | .. | |
| Advances from Surplus Monies. | 2,03,20,390.10 | | 1,45,52,399.76 | | 75,93,033.90 | | 53,97,219.55 | | 4,78,63,043.31 | |
| Reimbursement from Maharashtra Slum Improvement Board | .. | | 1,61,52,127.00 | | .. | | .. | | 1,61,52,127.00 | |
| Total (B) Capital Receipts | 2,66,38,227.31 | | 3,07,04,526.76 | | 75,93,033.90 | | 55,50,447.50 | | 7,04,86,235.47 | |
| (C) Suspense Account Receipts | | | | | | | | | | |
| I. Sinking and Special Funds Accounts | | | | | | | | | | |
| (a) Sinking Fund Account. | 70,18,160.45 | | 5,19,358.01 | | 22,24,456.32 | | 19,39,183.02 | | 1,17,01,157.84 | |
| (b) Investment Reserve Fund Accounts | 22,58,306.40 | | .. | | .. | | .. | | 22,58,306.40 | |
| (c) Rent Equalisation Fund Account | 11,72,439.75 | | .. | | .. | | .. | | 11,72,439.75 | |
| (d) Amenities Fund Account | 3,87,629.65 | | .. | | .. | | .. | | 3,87,629.65 | |
| Total I (S. and S. Funds) | 1,08,36,536.25 | | 5,19,358.01 | | 22,24,456.32 | | 19,39,183.02 | | 1,55,19,533.64 | |
| II Paper and Cash Account. | | | | | | | | | | |
| (a) Sinking Fund. | 89,18,365.33 | | 6,55,405.61 | | 10,04,924.24 | | 60,603.67 | | 1,06,39,298.85 | |
| (b) Capital Fund. | .. | | .. | | .. | | .. | | .. | |
| (c) Investment Reserve Fund. | .. | | .. | | .. | | .. | | .. | |
| (d) Rent Equalisation Fund. | 60.25 | | .. | | .. | | .. | | 60.25 | |
| (e) Amenities Fund. | 70.35 | | .. | | .. | | .. | | 70.35 | |
| Total II—(Papers & Cash) | 89,18,495.93 | | 6,55,405.61 | | 10,04,924.24 | | 60,603.67 | | 1,06,39,429.45 | |
| III—Other Suspense Accounts. | | | | | | | | | | |
| Loan Redemption Fund | 89,00,000.00 | | .. | | 12,19,782.28 | | 1,25,586.65 | | 1,02,45,368.93 | |
| B. I. T. Loans Interest Warra Payable Account | .. | | .. | | .. | | .. | | .. | |
| Total—III (Other Susp.) | 89,00,000.00 | | .. | | 12,19,782.28 | | 1,25,586.65 | | 1,02,45,368.93 | |
| Total (C) Suspense Receipts | 2,86,55,032.22 | | 11,74,763.62 | | 44,49,162.84 | | 21,25,373.34 | | 3,64,04,332.02 | |
| Total Receipts—Budget 'B' | 12,69,64,242.12 | | 9,73,67,216.81 | | 1,93,18,360.21 | | 1,41,80,691.06 | | 25,78,31,510.20 | |

APPENDIX—15—(contd.)
(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (Western Suburbs) | | Division III (Eastern Suburbs) | | Total Budget 'A' | |
|---|----------------------|----|----------------------------------|----|-----------------------------------|----|---------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' (Part I) | | | | | | | | |
| EXPENDITURE | | | | | | | | |
| A) Revenue Account— | | | | | | | | |
| I—General Supervision, Collection of Revenue, etc | | | | | | | | |
| A—General Superintendence .. | 6,40,63,067.41 | | 1,18,79,038.98 | | 59,82,294.48 | | 8,19,24,400.87 | |
| B—Collection of Revenue .. | 3,57,95,962.39 | | 1,05,80,630.76 | | 55,87,934.93 | | 5,19,64,528.08 | |
| C—Upkeep and guarding of Municipal Offices.. | 66,67,391.15 | | 36,34,552.45 | | 14,57,488.27 | | 1,17,59,431.87 | |
| D—General Stores .. | 27,88,060.76 | | .. | | .. | | 27,88,060.76 | |
| E—Legal Department .. | 36,94,713.09 | | 1,44,037.80 | | 53,411.81 | | 38,92,162.70 | |
| F—Miscellaneous Charges .. | 56,99,311.71 | | 3,14,796.15 | | 94,396.25 | | 61,08,504.11 | |
| G—Election Expenses .. | 49,91,916.46 | | .. | | .. | | 49,91,916.46 | |
| H—Provident Fund Charges .. | 6,04,185.37 | | 1,26,540.00 | | 45,694.00 | | 7,76,419.37 | |
| I—Debt Charges .. | 61,61,101.74 | | 25,75,789.14 | | 14,59,037.85 | | 1,01,95,928.73 | |
| J—Encouraging sports activities .. | 68,450.00 | | .. | | .. | | 68,450.00 | |
| K—Payment of Bank Commission Charges .. | 6,140.76 | | .. | | .. | | 6,149.76 | |
| | 13,05,40,309.84 | | 2,92,55,385.28 | | 1,46,80,257.59 | | 17,44,75,952.71 | |
| Deduct : Proportion of General Superintendence | 3,25,19,752.36 | | 94,27,121.42 | | 48,09,498.00 | | 4,67,56,371.78 | |
| | 9,80,20,557.48 | | 1,98,28,263.86 | | 98,70,759.59 | | 12,77,19,580.93 | |
| II—Museums— | | | | | | | | |
| A—Dr. Bhau Daji Lad Museum. | 2,27,521.45 | | .. | | .. | | 2,27,521.45 | |
| B—Provident Fund Charges .. | 1,201.00 | | .. | | .. | | 1,201.00 | |
| C—Debt Charges .. | .. | | .. | | .. | | .. | |
| | 2,28,722.45 | | .. | | .. | | 2,28,722.45 | |
| III—Free Reading Rooms and Libraries— | | | | | | | | |
| A—Municipal Free Reading Rooms & Libraries . | 28,48,740.19 | | 11,24,875.70 | | 5,00,621.26 | | 44,74,237.15 | |
| B—Provident Fund Charges .. | 217.00 | | .. | | .. | | 217.00 | |
| C—Debt Charges .. | 1,30,933.54 | | 919.00 | | .. | | 1,31,852.54 | |
| | 29,79,890.73 | | 11,25,794.70 | | 5,00,621.26 | | 46,06,306.69 | |
| IV—Municipal High Schools. | | | | | | | | |
| A—Municipal High Schools .. | 4,93,64,942.87 | | .. | | .. | | 4,93,64,942.87 | |
| B—Provident Fund Charges .. | 39,657.30 | | .. | | .. | | 39,657.30 | |
| C—Pension Fund .. | 3,85,870.95 | | .. | | .. | | 3,85,870.95 | |
| | 4,97,90,471.12 | | .. | | .. | | 4,97,90,471.12 | |
| V—Street Cleansing, Conservancy and Halalkhor Service— | | | | | | | | |
| A—Street Cleansing and Conservancy .. | 1,58,27,520.09 | | 67,95,682.60 | | 50,71,105.63 | | 2,76,94,308.32 | |
| B—Collection, Loading, Removal and Disposal of Town Refuse. | 13,55,46,456.39 | | 4,74,46,802.17 | | 2,59,95,187.32 | | 20,89,88,445.88 | |
| C—Halalkhore Service .. | 94,57,432.76 | | 1,14,46,110.44 | | 54,45,823.08 | | 2,63,49,366.28 | |
| D—Provident Fund Charges .. | Cr. 47,644.21 | | 1,27,345.00 | | 55,790.88 | | 1,35,491.67 | |
| E—Debt Charges .. | 32,18,018.49 | | 28,17,042.23 | | 16,84,659.71 | | 77,19,692.43 | |
| | 16,40,01,783.52 | | 6,86,32,954.44 | | 3,82,52,566.62 | | 27,08,87,304.58 | |
| VI—S.W. Drains— | | | | | | | | |
| A—Maintenance of S.W. Drains .. | 65,54,847.75 | | 81,71,865.55 | | 1,31,05,878.78 | | 2,78,32,592.08 | |
| B—Provident Fund Charges .. | .. | | 3.00 | | 7,200.00 | | 7,203.00 | |
| C—Debt Charges .. | 48,33,017.95 | | 85,03,035.98 | | 46,51,923.78 | | 1,79,87,977.71 | |
| | 1,13,87,865.70 | | 1,66,74,904.53 | | 1,77,65,002.56 | | 4,58,27,772.79 | |
| VII—Mechanical and Electrical | | | | | | | | |
| A—Mechanical Engineer's Office Establishment | 36,61,199.12 | | 3,97,720.39 | | 11,207.80 | | 40,70,127.31 | |
| B—Maintenance of Electric Installations .. | .. | | 9,34,637.65 | | .. | | 9,34,637.65 | |
| C—Provident Fund Charges .. | 38,483.00 | | 5,487.00 | | .. | | 43,970.00 | |
| D—Debt Charges .. | Cr. 88,609.01 | | 13,240.00 | | .. | | Cr. 75,369.01 | |
| E—Contribution to Motor Vehicle (T.P.) Insurance Fund | 2,96,906.50 | | .. | | .. | | 2,96,906.50 | |
| | 39,07,979.61 | | 13,51,085.04 | | 11,207.80 | | 52,70,272.45 | |

APPENDIX—15—(Contd.)

(Consolidated).

| Account Heads | Division I City | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|---|--------------------|----|------------------------|----|-------------------------|----|---------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' EXPENDITURE-(Contd.) | | | | | | | | |
| VIII—Buildings, Land Acquisition and Management | | | | | | | | |
| A—City Engineer's Central Office Establishment | 51,04,442.06 | | 37,57,099.04 | | 19,46,851.34 | | 1,08,08,392.44 | |
| B—Inspection and Supervision of Private Buildings. | 58,53,832.60 | | 11,97,567.63 | | 6,56,868.19 | | 77,08,268.42 | |
| C—Architectural | 6,40,831.13 | | .. | | .. | | 6,40,831.13 | |
| D—Land Acquisition and Management .. | 59,55,282.17 | | 2,48,487.28 | | 8,832.74 | | 62,12,602.19 | |
| E—Inspection and Supervision of Factories, Workshops and Work Places. .. | 5,15,944.82 | | 6,12,114.97 | | 2,93,772.00 | | 14,21,831.79 | |
| F—Industrial Estates | 3,34,418.17 | | .. | | .. | | 3,34,418.17 | |
| G—Provident Fund Charges. | 1,26,932.41 | | 7,523.50 | | 25,200.00 | | 1,59,655.91 | |
| H—Debt Charges. | 1,02,64,363.05 | | 43,22,125.96 | | 19,93,573.46 | | 1,65,80,062.47 | |
| | 2,87,96,046.41 | | 1,01,44,918.38 | | 49,25,097.73 | | 4,38,66,062.52 | |
| Deduct—2½ Percent Supervision chargeable to Imp. Scheme A/c. | 1,49,484.82 | | .. | | .. | | 1,49,484.82 | |
| | 2,86,46,561.59 | | 1,01,44,918.38 | | 49,25,097.73 | | 4,37,16,577.70 | |
| IX—Fire Brigade— | | | | | | | | |
| A—Maintenance | 1,33,65,979.54 | | 25,22,944.97 | | 18,41,164.13 | | 1,77,30,088.64 | |
| B—Provident Fund Charges. | 38,537.00 | | 1,610.00 | | 690.00 | | 40,837.00 | |
| C—Pension, Gratuities and Compassionate Allowances. | 6,510.00 | | .. | | .. | | 6,510.00 | |
| D—Proportion of General Supervision and Collection to Revenue | 10,17,146.02 | | 3,32,656.31 | | 1,56,879.00 | | 15,06,681.33 | |
| E—Debt Charges | 65,69,079.72 | | 70,47,069.45 | | 15,11,040.50 | | 1,51,27,189.67 | |
| F—Contribution to Fire Brigade Employees Accident Compensation Fund | 40,000.00 | | .. | | .. | | 40,000.00 | |
| | 2,10,37,252.28 | | 99,04,280.73 | | 35,09,773.63 | | 3,44,51,306.64 | |
| X—Licensing and Removal of Encroachments on Public Streets. | | | | | | | | |
| A—Licensing Establishment | 42,53,475.75 | | 18,74,574.87 | | 10,00,774.46 | | 71,28,825.08 | |
| B—Removal of Encroachment on Public Streets .. | 52,11,846.35 | | 18,18,242.46 | | 10,49,051.96 | | 80,79,140.77 | |
| C—Provident Fund Charges | 65,972.40 | | 44,940.00 | | 19,260.00 | | 1,30,172.40 | |
| D—Debt Charges | 1,16,734.66 | | .. | | .. | | 1,16,734.66 | |
| | 96,48,029.16 | | 37,37,757.33 | | 20,69,086.42 | | 1,54,54,872.91 | |
| XI—Administration of Shops and Establishment Act 1948. | | | | | | | | |
| A—Administration of Shops and Establishment Act 1948. | 22,70,851.04 | | 7,84,605.11 | | 4,15,291.06 | | 34,70,747.21 | |
| B—Provident Fund Charges. | 38,992.00 | | 7.00 | | 4,140.00 | | 43,139.00 | |
| | 23,09,843.04 | | 7,84,612.11 | | 4,19,431.06 | | 35,13,886.21 | |
| XII—Gardens, Recreation Centres and Open Spaces | | | | | | | | |
| A—Gardens | 1,29,85,926.17 | | 51,78,895.46 | | 32,09,363.63 | | 2,13,74,185.26 | |
| B—New Gardens, Recreation Grounds, etc. .. | 44,939.75 | | 27,497.14 | | 54,595.66 | | 1,27,032.55 | |
| C—Open Air Theatres | 2,06,396.32 | | 2,83,346.74 | | .. | | 4,89,743.06 | |
| D—M. G. M. O. Swimming Pool | 5,46,285.13 | | .. | | .. | | 5,46,285.13 | |
| E—Krida Kendra and Social Welfare Centres .. | 5,06,495.06 | | .. | | .. | | 5,06,495.06 | |
| F—Sardar V. P. S Pool Kandivali. | .. | | 4,25,644.20 | | .. | | 4,25,644.20 | |
| G—Ghatkopar Lion's Municipal Swimming Pool .. | .. | | .. | | 4,28,077.04 | | 4,28,077.04 | |
| H—L. Dinanath Mangeshkar Natya Mandir | .. | | 9,35,969.50 | | .. | | 9,35,969.50 | |
| I—S. Pool Siddharth Nagar Goregaon | .. | | 4,03,565.78 | | .. | | 4,03,565.78 | |
| J—Provident Fund Charges. | 17,325.50 | | 4,820.00 | | 1,980.00 | | 24,125.50 | |
| K—Debt Charges | 21,21,937.26 | | 49,26,929.13 | | 24,63,722.62 | | 95,12,589.01 | |
| | 1,64,29,305.19 | | 1,21,86,667.95 | | 61,57,738.95 | | 3,47,73,712.09 | |
| XIII—Markets | | | | | | | | |
| A—Markets. | 1,92,17,051.50 | | 54,76,265.58 | | 20,21,326.32 | | 2,67,14,643.40 | |
| B—Provident Fund Charges | 43,851.00 | | 17,640.00 | | 5,173.00 | | 66,664.00 | |
| C—Pension, Gratuities and Compansionate Allowance. | 18,970.00 | | 16,000.00 | | 10,000.00 | | 44,970.00 | |
| D—Proportion of General Supervision | 21,56,276.36 | | 3,00,918.98 | | 1,81,650.00 | | 26,38,845.34 | |
| E—Debt Charges. | 43,67,504.33 | | 24,01,337.39 | | 4,07,910.59 | | 71,76,752.31 | |
| | 2,58,03,653.19 | | 82,12,161.95 | | 26,26,059.91 | | 3,66,41,875.05 | |

APPENDIX—15—(contd)
(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|---|------------------------|----|------------------------|----|-------------------------|----|--------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' EXPENDITURE—(Contd.) | | | | | | | | |
| XIV—Deonar Abattoir | | | | | | | | |
| A—Deonar Abattoir | .. | .. | .. | .. | 3,41,16,427.04 | | 3,41,16,427.04 | |
| B—Provident Fund Charges. | .. | .. | .. | .. | 31,000.00 | | 31,000.00 | |
| C—Pension, Gratuities and Compassionate Allowance. | .. | .. | .. | .. | 9,200.00 | | 9,200.00 | |
| D—Proportion of General Supdt. | .. | .. | .. | .. | 12,37,325.59 | | 12,37,325.59 | |
| E—Debt Charges | .. | .. | .. | .. | 45,62,906.39 | | 45,62,906.39 | |
| | .. | .. | .. | .. | 3,99,56,859.02 | | 3,99,56,859.02 | |
| XV—Traffic Operations, Roads and Bridges— | | | | | | | | |
| A—General | 62,27,682.79 | | 36,09,483.72 | | 35,51,544.30 | | 1,33,88,710.81 | |
| B—Traffic Planning and Operation | 23,85,746.72 | | 7,498.24 | | 21,728.48 | | 24,15,973.44 | |
| C—Road, Bridge Planning and Design | 8,523.18 | | 1,797.06 | | .. | | 10,320.24 | |
| D—Road and Bridge Maintenance | 10,79,70,046.11 | | 5,74,02,831.66 | | 2,92,82,599.60 | | 19,46,55,477.37 | |
| E—Rebate on account of compounded wheel tax permissible under section 185 of the B.M.C. Act | .. | .. | .. | .. | .. | .. | — | |
| F—Provident Fund Charges | 23,009.27 | | 85,333.19 | | Cr. 1,470.91 | | 1,05,871.55 | |
| G—Debt Charges | 4,62,60,993.29 | | 4,74,47,942.46 | | 2,41,71,359.58 | | 11,78,80,295.33 | |
| H—Proportionate Cost of Collection of Wheel Tax. | 9,33,670.63 | | 5,30,721.88 | | 2,80,734.50 | | 17,45,127.01 | |
| I—Lumpsum provision for payment of Commission charges and interest on I.B.F. D. Loan | .. | .. | .. | .. | .. | .. | .. | |
| J—Lumpsum provision for repayment of I.B.R.D. Loan No. 1335 I. N. | .. | .. | .. | .. | .. | .. | .. | |
| | 16,38,10,671.99 | | 10,90,85,608.21 | | 5,73,06,495.55 | | 33,02,02,775.75 | |
| XVI—Contribution to— | | | | | | | | |
| (a) Budget 'B' under section 125(2)(d) of the Bombay Municipal Corporation Act. | 1,40,23,590.00 | | 1,16,46,360.00 | | 42,72,410.00 | | 2,99,42,360.00 | |
| (b) Budget 'E' under section 126C (c) of the Bombay Municipal Corporation Act. | 3,50,58,970.00 | | 2,91,15,910.00 | | 1,05,81,020.00 | | 7,47,55,900.00 | |
| (c) Budget 'E' (Special Contribution) under section 126C (c.1) of the Bombay Municipal Act. | 23,00,00,000.00 |  | .... |  | .... |  | 23,00,00,000.00 | |
| (d) Fines and Welfare Fund | 44,79,399.28 |  | .... |  | .... |  | 44,79,399.28 | |
| (e) Tree Authority Fund | 19,44,715.01 |  | .... |  | .... |  | 19,44,715.01 | |
| (f) Contribution to P.F. to meet the difference in interest allowed and that actually realised on investment of P. F. | 36,12,886.61 | | 36,37,422.92 | | 8,99,169.20 | | 81,49,478.73 | |
| (g) Special Contribution to Slum Improvement to meet deficit in General Account | 5,71,02,410.63 |  | .... |  | ..... |  | 5,71,02,410.63 | |
| (h) Special Contribution to Budget to meet deficit in General Account | .. | .. | .. | .. | .. | .. | .. | |
| | 34,62,21,971.53 | | 4,43,99,692.92 | | 1,57,52,599.20 | | 40,63,74,263.65 | |
| XVII—Miscellaneous— | | | | | | | | |
| (a) Pension Fund | Cr. 6,704.78 |  | .. |  | .... |  | Cr. 6,704.78 | |
| (b) Gratuity Fund | 43,79,516.79 | | 21,57,002.10 | | 2,63,000.00 | | 67,99,518.89 | |
| Deduct : Proportionate Share | .. | .. | .. | .. | .. | .. | .. | |
| | 43,72,812.01 | | 21,57,002.10 | | 2,63,000.00 | | 67,92,814.11 | |
| XVIII—Measures for Civil Defence | 1,78,280.60 |  | .... |  | .... |  | 1,78,280.60 | |
| XIX—Contribution to Bombay Building Repairs and Reconstruction Board. | 3,60,00,000.00 |  | .... |  | .... |  | 3,60,00,000.00 | |
| XX—Village amenities. | | | | | | | | |
| A—Maintenance | .. | .. | .. | .. | .. | .. | .. | |
| XXI—Lump Sum Provision for Staff, contingencies, etc. | .. | .. | .. | .. | .. | .. | .. | |
| Lump sum provision for the payment of arrears on account of revision of grade | .. | .. | .. | .. | .. | .. | .. | |
| XXII—Lump-sum Provision for up-keep of old and Historical monumental Bldgs. in the City. | .. | .. | .. | .. | .. | .. | .. | |
| XXIII—Lump sum provision for Deposit linked Insurance Scheme | 8,67,962.45 | | 3,84,226.21 | | 1,68,636.32 | | 14,20,824.98 | |
| XXIV—Lump-Sum provision for unforseen works at Rs. 1,00,600 in each constituency | 10,94,028.97 | | 5,14,183.15 | | 3,37,682.90 | | 19,45,895.02 | |
| Total—Part-I | 98,67,37,642.61 | | 30,91,24,113.61 | | 19,98,92,618.52 | | 1,49,57,54,374.74 | |

APPENDIX—15—(Contd.)
(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|--|--------------------------|----|------------------------|----|-------------------------|----|--------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' EXPENDITURE (Contd.) | | | | | | | | |
| Budget 'A' (Part II) | | | | | | | | |
| XX XI—Public Health Department— | | | | | | | | |
| A—General Superintendence | 3,39,77,321.71 | | 1,77,11,860.63 | | 97,55,547.21 | | 6,14,44,729.55 | |
| B—Supply of Milk to the under nurihed needy children attending Municipal Schools | 55,92,082.70 | | 46,53,094.64 | | 30,85,639.06 | | 1,33,30,726.40 | |
| C—Provident Fund Charges | 1,21,080.59 | | 55,533.30 | | 34,200.00 | | 2,10,813.89 | |
| D—Malaria Eradication Programme | 7,78,781.93 | | 17,01,142.14 | | 2,87,034.59 | | 27,66,958.66 | |
| E—Impounding Stray Cattle | 2,37,931.67 | | 4,52,362.88 | | .. | | 6,90,294.55 | |
| G—Census | Cr. 9.00 | | .. | | .. | | Cr. 9.00 | |
| H—Filaria Programme | .. | | 2,89,284.88 | | 2,56,846.40 | | 5,46,131.28 | |
| I—Debt Charges | 17,48,197.39 | | 24,72,044.92 | | 10,96,918.20 | | 53,17,160.51 | |
| | 4,24,55,386.99 | | 2,73,35,233.39 | | 1,45,16,185.46 | | 8,43,06,805.84 | |
| XX XII—Medical Relief and Education— | | | | | | | | |
| A—Hospitals | 22,05,33,052.77 | | 6,63,43,620.02 | | 5,00,89,235.90 | | 33,69,65,908.69 | |
| B—Maternity Homes | 1,79,52,430.84 | | 80,79,111.56 | | 59,99,316.35 | | 3,20,30,858.75 | |
| C—Dispensaries | 1,05,39,560.53 | | 64,47,422.87 | | 42,50,815.78 | | 2,12,37,799.18 | |
| D—Medical Education | 4,28,98,108.55 | | .. | | .. | | 4,28,98,108.55 | |
| E—Statutory Contributions to Government Medical Institutions | 4,14,500.04 | | .. | | .. | | 4,14,500.04 | |
| F—Clinic for treatment of Leprosy Cases | 6,60,727.30 | | 36,156.00 | | .. | | 6,96,883.30 | |
| G—Grant-in-Aid to Public Institutions | 1,84,41,365.18 | | 7,50,000.00 | | 3,65,000.00 | | 1,95,56,365.18 | |
| H—Provident Fund Charges | 3,28,277.84 | | 4,099.00 | | 41,840.00 | | 3,74,216.84 | |
| I—Debt Charges | 3,68,31,817.96 | | 1,61,64,750.84 | | 58,02,957.01 | | 5,87,99,525.81 | |
| | 34,85,99,841.01 | | 9,78,25,160.29 | | 6,65,49,165.04 | | 51,29,74,166.34 | |
| XXXIII—Measures to Control Environmental Air Pollution in Greater Bombay— | | | | | | | | |
| A—Dy. City Engineer (Mech. & Elec.) Air pollution prevention office | 2,89,122.52 | | .. | | .. | | 2,89,122.52 | |
| B—Airpollution Prevention cell | 23,89,490.15 | | .. | | .. | | 23,89,490.15 | |
| C—Heath Survey Unit | 15,490.82 | | .. | | .. | | 15,490.82 | |
| D—Debt Charges | 41,40,524.44 | | .. | | .. | | 41,40,524.44 | |
| | 68,34,627.93 | | .. | | .. | | 68,34,627.93 | |
| Total—Part II | 39,78,89,855.93 | | 12,51,60,393.68 | | 8,10,65,350.50 | | 60,41,15,600.11 | |
| Total—(A) Revenue Expenditure | 1,38,46,27,498.54 | | 43,42,84,507.29 | | 28,09,57,969.02 | | 2,09,98,69,974.85 | |
| (B) Capital Account— | | | | | | | | |
| I—General Supervision, Collection of Revenue, etc. | 1,09,54,881.98 | | 84,07,127.77 | | 4,84,616.93 | | 1,98,46,626.68 | |
| II—Free Reading Rooms and Libraries | .. | | .. | | .. | | .. | |
| III—Street Cleansing and Conservancy etc. | 53,61,848.73 | | 11,73,247.76 | | 35,25,490.52 | | 1,00,60,587.01 | |
| IV—S. W. Drains etc. | 70,25,705.91 | | 43,69,690.47 | | 38,99,822.99 | | 1,52,95,219.37 | |
| V—Mechanical and Electrical | .. | | .. | | .. | | .. | |
| VI—Buildings Land Acquisition and Management | 2,13,49,136.18 | | Cr.37,43,707.95 | | 14,00,355.96 | | 1,90,05,784.19 | |
| VII—Fire Brigade | 11,96,539.36 | | 87,54,827.62 | | 3,55,617.57 | | 1,03,06,984.55 | |
| VIII—Licensing, Removal of Encroachment etc. | .. | | .. | | .. | | .. | |
| IX—Gardens and Open Spaces | 16,95,616.53 | | 1,38,12,101.23 | | 2,21,80,601.51 | | 3,76,88,319.27 | |
| X—Markets | 37,38,433.75 | | 18,12,799.10 | | 5,50,409.36 | | 61,01,642.21 | |
| XI—Deonar Abattoir | .. | | .. | | 4,96,967.59 | | 4,96,967.59 | |
| XII—Village Amenities | .. | | 3,60,134.87 | | 2,99,895.67 | | 6,60,030.54 | |
| XIII—Industrial Estates | 1,07,229.15 | | .. | | .. | | 1,07,229.15 | |
| XIV—Centenary Celebration Works | .. | | 65,55,375.59 | | 23,71,082.25 | | 89,26,457.84 | |
| XV—Traffic Operations, Roads and Bridges | 8,05,23,290.99 | | 8,73,60,438.74 | | 4,48,42,118.76 | | 21,27,25,848.49 | |
| Power Laundry | 1,61,811.49 | | .. | | .. | | 1,61,811.49 | |
| Plant and Machinery out of Loan Funds | 1,70,73,592.27 | | 69,17,776.89 | | 2,28,702.25 | | 2,42,20,071.41 | |
| Suspense Account Mechanical Transport | 9,00,660.86 | | 38,26,562.20 | | .. | | 47,27,223.06 | |
| Plant and Machinery Purchased out of different Special Funds | Cr. 52,619.57 | | .. | | .. | | Cr. 52,619.57 | |
| Assets written off | 52,619.57 | | .. | | .. | | 52,619.57 | |
| Recoupment of Advance for Purchase of Capital Stores | 34,30,953.53 | | .. | | 10,250.00 | | 34,41,203.53 | |
| Printing Press | .. | | .. | | .. | | .. | |
| Compost Plant | .. | | .. | | .. | | .. | |
| Total—Part I | 15,35,19,700.73 | | 13,96,06,374.29 | | 8,06,45,931.36 | | 37,37,72,006.38 | |
| XXI—Public Health Department | 27,39,299.82 | | 1,38,71,998.04 | | 21,45,472.85 | | 1,87,56,770.71 | |
| XXII—Medical Relief and Education | 6,19,94,247.34 | | 2,96,53,568.25 | | 70,94,160.11 | | 9,87,41,975.70 | |
| XXIII—Measures to Control environmental Air Pollution in Greater Bombay. | 1,80,353.28 | | .. | | .. | | 1,80,353.28 | |
| Plant and Machinery out of Loan Fund | .. | | 16,42,593.15 | | 9,60,487.85 | | 26,03,081.00 | |
| Total—Part II | 6,49,13,900.44 | | 4,51,68,159.44 | | 1,02,00,120.81 | | 12,02,82,180.69 | |
| Total—(B) Capital Expenditure | 21,84,33,601.17 | | 18,47,74,533.73 | | 9,08,46,052.17 | | 49,40,54,187.07 | |

APPENDIX—15—(contd.)
(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (W. S.) | | Division III (E. S.) | | Total Budget 'A' | |
|---|--------------------------|----|------------------------|----|-------------------------|----|--------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'A' EXPENDITURE—(Contd.) | | | | | | | | |
| C) Suspense Account; | | | | | | | | |
| I—Sinking and Special Fund Accounts | | | | | | | | |
| Sinking Fund Account—Municipal .. | 9,12,81,634.19 | | 6,76,20,673.56 | | .. | | 15,89,02,307.75 | |
| Special Fund Account. .. | 23,73,20,153.69 | | .. | | .. | | 23,73,20,153.69 | |
| Loan Redemption Fund .. | .. | | .. | | .. | | .. | |
| Total—I (S. and S. Funds) | 32,86,01,787.88 | | 6,76,20,673.56 | | .. | | 39,62,22,461.44 | |
| II—Paper and Cash Account | | | | | | | | |
| Sinking Fund. .. | 6,62,06,694.12 | | 6,87,53,790.22 | | .. | | 13,49,60,484.34 | |
| Special Fund. .. | 13,39,58,543.67 | | .. | | .. | | 13,39,58,543.67 | |
| Surplus Fund. .. | 26,11,52,983.58 | | 6,20,70,043.88 | | 4,00,00,000.00 | | 36,32,23,027.46 | |
| Loan Fund. .. | .. | | .. | | .. | | .. | |
| State Bank of India and Other Local Banks on account of Sundry Deposits. .. | 3,19,27,11,759.41 | | 10,89,12,955.28 | | 17,46,27,121.80 | | 3,47,62,51,836.49 | |
| Total—II (Papers and Cash) | 3,65,40,29,980.78 | | 23,97,36,789.38 | | 21,46,27,121.80 | | 4,10,83,93,891.96 | |
| III—Other Suspense Accounts | | | | | | | | |
| Deposit Account .. | 4,13,18,60,054.62 | | 46,68,41,294.96 | | 27,71,91,583.25 | | 4,87,58,92,932.83 | |
| Reserve Stores Account .. | 8,36,37,463.48 | | .. | | .. | | 8,36,37,463.48 | |
| Capital Stores Account .. | 15,87,89,378.07 | | .. | | .. | | 15,87,89,378.07 | |
| Capital Stores Account (Foras Road Depot) .. | 86,325.73 | | .. | | .. | | 86,325.73 | |
| Advances for purchase of Petrol and Diesel Oil. | 58,56,813.44 | | 30,11,557.68 | | .. | | 88,68,371.12 | |
| Advances for Departmental Works. .. | 1,03,70,836.53 | | 28,54,308.12 | | 47,75,791.45 | | 1,80,00,936.10 | |
| Advances for Private Works. .. | 60,71,612.22 | | 10,732.97 | | .. | | 60,82,345.19 | |
| Advances Private Works—Traffic Amenities .. | .. | | 95,946.92 | | 1,22,012.01 | | 2,17,958.93 | |
| Advances Departmental WorksTraffic Amenities .. | .. | | 6,133.05 | | 18,18,918.61 | | 18,25,051.66 | |
| Municipal Workshop. .. | 56,82,512.76 | | 32,21,241.22 | | .. | | 89,03,753.98 | |
| Municipal Foundry .. | 10,22,533.71 | | .. | | .. | | 10,22,533.71 | |
| Worli Crusher .. | .. | | .. | | .. | | .. | |
| Mechanical Transport. .. | 4,48,78,199.00 | | 2,34,20,296.96 | | .. | | 6,82,98,495.96 | |
| Asphalt Plant. .. | 57,93,666.65 | | .. | | .. | | 57,93,666.65 | |
| Municipal Printing Press .. | 1,43,64,828.85 | | .. | | .. | | 1,43,64,828.85 | |
| Rota Printing Unit. .. | 23,80,740.47 | | .. | | .. | | 23,80,740.47 | |
| Advances Special Funds. .. | 41,48,248.87 | | .. | | .. | | 41,48,248.87 | |
| Municipal Contractors. .. | 5,59,393.26 | | 8,173.31 | | 85,067.31 | | 6,52,833.88 | |
| Municipal Tenderers. .. | .. | | .. | | .. | | .. | |
| Advances for Demolition of Unauthorised Structures and Removal of unsafe Buildings. .. | 1,01,07,313.44 | | 1,81,850.20 | | 2,95,216.96 | | 1,05,84,380.60 | |
| Advances to Public including Co-operatives for Housing purposes .. | 3,11,80,284.00 | | .. | | .. | | 3,11,80,284.00 | |
| Municipal Power Laundry .. | 64,35,434.82 | | .. | | .. | | 64,35,434.82 | |
| Advances to Municipal Officers .. | 11,63,766.00 | | 1,09,100.00 | | 91,350.00 | | 13,64,216.00 | |
| Advances, Sundry Advances Miscellaneous .. | 33,29,73,485.45 | | 11,36,95,537.31 | | 5,91,16,259.56 | | 50,57,85,282.32 | |
| Provident Fund. .. | 12,31,32,173.30 | | 2,46,72,863.30 | | 1,71,72,684.59 | | 16,49,77,721.19 | |
| Pension Fund. .. | 7,69,24,222.85 | | .. | | .. | | 7,69,24,222.85 | |
| Gratuity Fund. .. | 44,76,294.69 | | .. | | .. | | 44,76,294.69 | |
| Welfare Fund .. | .. | | .. | | .. | | .. | |
| Fines Fund. .. | 15,247.54 | | .. | | .. | | 15,247.54 | |
| Fidelity Guarantee Insurance Fund. .. | 2,308.26 | | .. | | .. | | 2,308.26 | |
| Reinstatement of Trenches .. | 79,17,728.54 | | 36,76,155.73 | | 21,81,086.92 | | 1,37,74,971.19 | |
| Advances from Surplus Monies for Financing Capital Works Expenditure. .. | 8,11,73,286.45 | | 9,16,75,896.53 | | 15,07,55,635.56 | | 32,36,04,818.54 | |
| Total—(C)—III—(Other Susp.) C/F | 5,15,10,04,353.00 | | 73,34,81,088.26 | | 51,36,05,606.22 | | 6,39,80,91,047.48 | |

APPENDIX—15—(Contd.)

(CONSOLIDATED)

| Account Heads | Division I (City) | | Division II (W.S.) | | Div. III (E.S.) | | Total Budget 'A' | |
|---|----------------------|----|-----------------------|----|--------------------|----|---------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| Budget— 'A' Expenditure—(Contd.) | | | | | | | | |
| Total—(C) III (Other Susp.) B/F | 5,15,10,04,353.00 | | 73,34,81,088.26 | | 51,36,05,606.22 | | 6,39,80,91,047.48 | |
| Dishonoured cheques. | 3,03,30,128.07 | | 1,76,32,564.08 | | 73,53,131.88 | | 5,53,15,824.03 | |
| Advances for Halalkhore Service. | Cr. 2,08,147.41 | | .. | | .. | | Cr. 2,08,147.41 | |
| Improving common House Gullies in the city.. | 10,45,930.58 | | .. | | .. | | 10,45,930.58 | |
| Advances for Improvement of Private streets. | .. | | .. | | .. | | .. | |
| Advances for Deposit with Outside Bodies. | 37,081.50 | | 17,270.00 | | 7,000.00 | | 61,351.50 | |
| Advance for Security Deposit with S. B. I. | .. | | .. | | .. | | .. | |
| Interest accrued but not paid | 3,99,454.71 | | 6,55,025.96 | | .. | | 10,54,480.67 | |
| Interest receivable Account. | .. | | .. | | .. | | .. | |
| Interest on Loans Payable Account | 3,42,333.78 | | 2,71,973.00 | | .. | | 6,14,306.78 | |
| B. M. C. Loans Interest Warrants Payable Account. | 2,77,82,576.86 | | 5,27,80,772.18 | | .. | | 8,05,63,349.04 | |
| Repayment of B. M. C. Loans | 2,49,82,982.30 | | 5,70,00,000.00 | | .. | | 8,19,82,982.30 | |
| Cash Bill Outstanding Account | 17,45,940.76 | | 80,522.84 | | 50,591.51 | | 18,77,055.11 | |
| Cheques Payable | 7,51,03,43,378.54 | | 72,66,10,622.14 | | 55,45,92,327.90 | | 8,79,15,46,328.58 | |
| Wages Deposit Account | 3,86,46,477.05 | | 1,06,83,008.25 | | 75,43,654.85 | | 5,68,73,140.15 | |
| Amount Transferred from Mun. General fund Budget A Div. I to Budget 'E' | 44,69,65,244.39 | | 47,65,15,912.85 | | .. | | 92,34,81,157.24 | |
| Amount transferred to Budget 'G' | 1,15,61,24,403.89 | | .. | | .. | | 1,15,61,24,403.89 | |
| Amount transferred within Budget 'A' Divisions | 1,04,29,53,851.55 | | .. | | 26,43,37,402.41 | | 1,30,72,91,253.96 | |
| Unadjusted Reserve Stores Account Stock. | 83,26,960.23 | | .. | | .. | | 83,26,960.23 | |
| Unadjusted Reserve Stores (Foras Road Depot) | 1,57,564.63 | | .. | | .. | | 1,57,564.63 | |
| Municipal Debt. Interest. | .. | | 7,70,23,686.24 | | .. | | 7,70,23,686.24 | |
| Advances Suspense Account accumulated Surplus Balance payable to Budget 'G' | .. | | .. | | .. | | .. | |
| Compost Plant debt.charges | .. | | .. | | 1,02,753.22 | | 1,02,753.22 | |
| Advances for consolidation of Passge in Pvt. Compounds. | .. | | .. | | .. | | .. | |
| Total—III (Other Susp.) | 15,44,09,80,514.43 | | 2,15,27,52,445.80 | | 1,34,75,92,467.99 | | 18,94,13,25,428.22 | |
| Total (C) Suspense Expenditure | 19,42,36,12,283.09 | | 2,46,01,09,908.74 | | 1,56,22,19,589.79 | | 23,44,59,41,781.62 | |
| Total Expenditure Budget 'A' | 21,02,66,73,382.80 | | 3,07,91,68,949.76 | | 1,93,40,23,610.98 | | 26,03,98,65,943.54 | |
| Tree Authority Budget | 23,13,188.59 | | .. | | .. | | 23,13,188.59 | |

Appendix—15 (Contd.)

(CONSOLIDATED)

| Account Heads | Improvement Scheme | | Slum Improvement | | Slum Clearance (City) | | Slum Clearance (Western & Eastern Suburbs) | | 1954 Budget | |
|--|------------------------|----|-----------------------|----|-----------------------|----|--|----|------------------------|----|
| | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| BUDGET 'B' EXPENDITURE | | | | | | | | | | |
| IMPROVEMENT SCHEME ACCOUNT | | | | | | | | | | |
| (A) General Account Expenditure | | | | | | | | | | |
| A—Maintenance of Properties and Streets .. | 6,15,35,335.31 | | 6,38,74,392.43 | | 27,40,711.49 | | 22,79,131.2- | | 13,04,29,570.45 | |
| B—Cost of Management and Establishment .. | 1,78,70,230.67 | | ... | | ... | | ... | | 1,78,70,230.67 | |
| C—Proportionate Charges on account of Municipal Supervision .. | 69,46,199.89 | | ... | | ... | | ... | | 69,46,199.89 | |
| Deduct—Proportionate Share of Cost of Management & Establishment.— | | | | | | | | | | |
| (a) General Account .. | Cr. 2,40,21,396.17 | | ... | | ... | | ... | | Cr. 2,40,21,396.17 | |
| (b) Capital Account .. | Cr. 7,95,034.39 | | ... | | ... | | ... | | Cr. 7,95,034.39 | |
| D—Debt Charges .. | 1,00,77,195.00 | | 16,14,534.00 | | 45,35,451.98 | | 42,25,739.00 | | 2,04,52,919.98 | |
| E—Lumpsum Provision for Deposit linked Insurance Scheme .. | 58,452.28 | | .. | | .. | | .. | | 58,452.28 | |
| Total (A) General Account Expenditure | 7,16,70,982.59 | | 6,54,88,926.43 | | 72,76,163.47 | | 65,04,870.22 | | 15,09,40,942.71 | |
| B) Capital Account Expenditure improvement and Street etc. Schemes Expenditure. | | | | | | | | | | |
| .. | 59,79,392.74 | | 3,07,04,526.76 | | 39,38,367.65 | | Cr. 1,18,901.15 | | 4,05,03,386.00 | |
| Proportionate Share of Cost of Management and Establishment. .. | 7,95,034.39 | | ... | | ... | | ... | | 7,95,034.39 | |
| Deficit in General Account— .. | 1,98,63,800.18 | | ... | | 36,54,666.25 | | 56,69,348.65 | | 2,91,87,815.08 | |
| Total (B) Capital Expenditure | 2,66,38,227.31 | | 3,07,04,526.76 | | 75,93,033.90 | | 55,50,447.50 | | 7,04,86,235.47 | |
| (C) Suspense Account Expenditure | | | | | | | | | | |
| I—Sinking etc. Fund Account | | | | | | | | | | |
| (a) Sinking Fund Account .. | 89,54,724.01 | | ... | | 10,17,335.89 | | 8,332.22 | | 99,80,392.12 | |
| Total—I (S. Fund) | 89,54,724.01 | | ... | | 10,17,335.89 | | 8,332.22 | | 99,80,392.12 | |
| II—Paper and Cash Accounts | | | | | | | | | | |
| (a) Sinking Fund. .. | 69,31,801.81 | | 11,74,763.62 | | 22,12,044.67 | | 19,91,454.47 | | 1,23,60,064.57 | |
| (b) Capital Fund. .. | .. | | .. | | .. | | .. | | .. | |
| (c) Investment Reserve Fund .. | 2,86,15,806.40 | | .. | | .. | | .. | | 2,86,15,806.40 | |
| (d) Rent Equalisation Fund. .. | 1,27,62,400.00 | | ... | | ... | | ... | | 1,27,62,400.00 | |
| (e) Amenities Fund. .. | 42,13,800.00 | | ... | | ... | | ... | | 42,13,800.00 | |
| Total—II (Papers and Cash) | 5,25,73,808.21 | | 11,74,763.62 | | 22,12,044.67 | | 19,91,454.47 | | 5,79,52,070.97 | |
| III—Other Suspense Account | | | | | | | | | | |
| Repayment of B. I. T. etc. Loans .. | 89,00,000.00 | | ... | | 12,19,782.28 | | 1,25,586.65 | | 1,02,45,368.93 | |
| B. I. T. Interest Warrants Payable Account. .. | ... | | ... | | ... | | ... | | ... | |
| Total—III (Other Susp.) | 89,00,000.00 | | ... | | 12,19,782.28 | | 1,25,586.65 | | 1,02,45,368.93 | |
| Total—(C) Suspense Expenditure | 7,04,28,532.22 | | 11,74,763.62 | | 44,49,162.84 | | 21,25,373.34 | | 7,81,77,832.02 | |
| Total Expenditure Budget 'B' | 16,87,37,742.12 | | 9,73,68,216.81 | | 1,93,18,360.21 | | 1,41,80,691.06 | | 29,96,05,010.20 | |

Div.—I.

Appendix No. 15 Concl.
(Consolidated)

| RECEIPTS | | | | SUMMARY | | DISBURSEMENTS | | | | | | | | | | | |
|---|----|--------------------|----|---------------------|----|--------------------|----|---|-----|--------------------|--------------------|---------------------|--------------------|---------------------|-----|-------|--|
| Division-I (City) | | Division-II (W.S.) | | Division-III (E.S.) | | Total | | ACCOUNTS | | Division-I | | Division-II (W.S.) | | Division-III (E.S.) | | Total | |
| Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. | | Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. | |
| 4,79,51,197.93 | | 3,64,01,670.57 | | 2,38,80,389.47 | | 10,82,33,257.97 | | Opening Balance as at 1st April 1983. | .. | .. | .. | .. | .. | .. | .. | .. | |
| 1,92,90,51,998.37 | | 25,72,58,087.88 | | 13,81,02,583.87 | | 2,32,44,12,670.12 | | Budget 'A' | | | | | | | | | |
| 21,84,33,601.17 | | 8,48,64,050.34 | | 19,07,55,635.56 | | 49,40,54,187.07 | | (A) Revenue Account | .. | 1,38,46,27,498.54 | 43,42,84,507.29 | 28,09,57,969.02 | 2,09,98,69,974.85 | | | | |
| 18,93,82,36,137.44 | | 2,71,87,12,986.37 | | 1,60,01,41,589.01 | | 23,25,70,90,712.82 | | (B) Capital Account | .. | 21,84,33,601.17 | 18,47,74,533.73 | 9,08,46,052.17 | 49,40,54,187.07 | | | | |
| 21,08,57,21,736.98 | | 3,06,08,36,024.59 | | 1,92,89,99,808.44 | | 26,07,55,57,570.01 | | (C) Suspense Account | .. | 19,42,36,12,283.09 | 2,46,01,09,908.74 | 1,56,22,19,589.79 | 23,44,59,41,781.62 | | | | |
| 23,13,188.59 | | .. | | .. | | 23,13,188.59 | | Total—Budget 'A' | .. | 21,02,66,73,382.80 | 3,07,91,68,949.76 | 1,93,40,23,610.98 | 26,03,98,65,943.54 | | | | |
| 15,09,40,942.71 | | .. | | .. | | 15,09,40,942.71 | | Tree Authority Budget. | .. | 23,13,188.59 | .. | .. | 23,13,188.59 | | | | |
| 7,04,86,235.47 | | .. | | .. | | 7,04,86,235.47 | | Budget 'B' | | | | | | | | | |
| 3,64,04,332.02 | | .. | | .. | | 3,64,04,332.02 | | (A) General Account | .. | 15,09,40,942.71 | .. | .. | 15,09,40,942.71 | | | | |
| 25,78,31,510.20 | | .. | | .. | | 25,78,31,510.20 | | (B) Capital Account | .. | 7,04,86,235.47 | .. | .. | 7,04,86,235.47 | | | | |
| 21,34,58,66,435.77 | | 3,06,08,36,024.59 | | 1,92,89,99,808.44 | | 26,33,57,02,268.80 | | (C) Suspense Account | .. | 7,81,77,832.02 | .. | .. | 7,81,77,832.02 | | | | |
| .. | | .. | | .. | | .. | | Total—Budget 'B' | .. | 29,96,05,010.20 | .. | .. | 29,96,05,010.20 | | | | |
| 21,39,38,17,633.70 | | 3,09,72,37,695.16 | | 1,95,28,80,197.91 | | 26,44,39,35,526.77 | | Total Budgets 'A' + 'B' + TA | .. | 21,32,85,91,581.59 | 3,07,91,68,949.76 | 1,93,40,23,610.98 | 26,34,17,84,142.33 | | | | |
| .. | | .. | | .. | | .. | | Closing Balance as at 31st March 1984 as reconciled below * with the Cash Potation | .. | 6,52,26,052.11 | 1,80,68,745.40 | 1,88,56,586.93 | 10,21,51,384.44 | | | | |
| .. | | .. | | .. | | .. | | GRAND TOTAL | .. | 21,39,38,17,633.70 | 3,09,72,37,695.16 | 1,95,28,80,197.91 | 26,44,39,35,526.77 | | | | |
| *Bank Reconciliation : | | | | | | | | | | | | | | | | | |
| Balance as per Bank's Pass Book | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 2,92,27,636.05 | .. | 34,50,764.72 | 1,84,76,822.60 | 5,11,55,223.37 | | | | | |
| Add : Revenue sent to the Bank of 31st March 1984 but acknowledged on 1st April 1984. | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 1,64,22,135.64 | .. | 59,15,500.14 | 25,46,071.34 | 2,48,83,707.12 | | | | | |
| Less : Uncashed Cheques | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | Dr. 8,64,55,448.02 | .. | Dr. 2,52,64,909.24 | Dr. 2,00,05,837.40 | Dr. 13,17,26,194.66 | | | | | |
| Total Bank Position. | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | Dr. 4,08,05,676.33 | .. | Dr. 1,58,98,644.38 | Cr. 10,17,056.54 | Dr. 5,56,87,264.17 | | | | | |
| Balance in Bank as per Day Book (Column No. 10)— | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 2,40,550.00 | .. | 17,56,305.00 | 1,72,530.00 | 21,69,385.00 | | | | | |
| Balance in Office, in Government Promisory Notes etc. | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 10,57,91,178.44 | .. | 568.66 | 4,359.22 | 10,57,96,106.32 | | | | | |
| Balance in Office in Cash | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | .. | .. | 3,22,10,516.12 | 1,76,62,641.17 | 4,98,73,157.29 | | | | | |
| Collection kept in office Treasury | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 10,60,31,728.44 | .. | 3,39,67,389.78 | 1,78,39,530.39 | 15,78,38,648.61 | | | | | |
| Total—Office Position | | | | | | | | | | | | | | | | | |
| .. | | .. | | .. | | .. | | 6,52,26,052.11 | .. | 1,80,68,745.40 | 1,88,56,586.93 | 10,21,51,384.44 | | | | | |
| Closing Balance as at 31st March 1984 as shown at above.* | | | | | | | | | | | | | | | | | |

APPENDIX No. 27.

IMPROVEMENT SCHEMES

General Account for the year ending 31st March 1984.

| Particulars | Amounts | Particulars | Amounts |
|---|-------------|---|-------------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix No. 35 | 7,16,70,982 | By Revenue Receipts as per Appendix No. 31 | 5,18,07,182 |
| | | Balance being deficit transferred to Capital Account Balance Sheet. | 1,98,63,800 |
| Total .. | 7,16,70,982 | Total .. | 7,16,70,982 |

APPENDIX No. 28

Slum Clearance Account—(City) General Account for the year ending 31st March 1984.

| Particulars | Amount | Particulars | Amount |
|---|-----------|---|-----------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix 36 | 72,76,163 | By Revenue Receipts under— | |
| | | I—Rent and other proceeds of properties. | 36,21,497 |
| | | II—Interest and Profits on Investments | .. |
| | | IV—Transfer of excess in Sinking Fund | .. |
| | | Balance being Deficit transferred to Capital Account Balance Sheet. | 36,54,666 |
| Total .. | 72,76,163 | Total .. | 72,76,163 |

APPENDIX No. 29.

Slum Clearance Account—(Western and Eastern Suburbs) General Account for the year ending 31st March 1984.

| Particulars | Amount | Particulars | Amount |
|---|-----------|---|-----------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix 37 | 65,04,870 | By Revenue Receipts under— | |
| | | I-(a) Rents and other proceeds properties. | 6,65,108 |
| | | (b) Receipts from Social Welfare Centre at S. G. Barve Nagar | 15,468 |
| | | II—Interest and Profits on Investments | .. |
| | | III—Miscellaneous Receipts. | 1,54,945 |
| | | Balance being Deficit transferred to Capital Account Balance Sheet. | 56,69,349 |
| Total .. | 65,04,870 | Total .. | 65,04,870 |

Appendix No. 15 Concl.

(Consolidated)

| RECEIPTS | | | | SUMMARY | | | | DISBURSEMENTS | | | |
|--------------------|--------------------|---------------------|--------------------|---|--|--|--|--------------------|--------------------|---------------------|---------------------|
| Division-I (City) | Division-II (W.S.) | Division-III (E.S.) | Total | ACCOUNTS | | | | Division-I | Division-II (W.S.) | Division-III (E.S.) | Total |
| Rs. P. | Rs. P. | Rs. P. | Rs. P. | | | | | Rs. P. | Rs. P. | Rs. P. | Rs. P. |
| 4,79,51,197.93 | 3,64,01,670.57 | 2,38,80,389.47 | 10,82,33,257.97 | Opening Balance as at 1st April 1983. | | | | .. | .. | .. | .. |
| | | | | Budget 'A' | | | | | | | |
| 1,92,90,51,998.37 | 25,72,58,087.88 | 13,81,02,583.87 | 2,32,44,12,670.12 | (A) Revenue Account | | | | 1,38,46,27,498.54 | 43,42,84,507.29 | 28,09,57,969.02 | 2,09,98,69,974.85 |
| 21,84,33,601.17 | 8,48,64,050.34 | 19,07,55,635.56 | 49,40,54,187.07 | (B) Capital Account | | | | 21,84,33,601.17 | 18,47,74,533.73 | 9,08,46,052.17 | 49,40,54,187.07 |
| 18,93,82,36,137.44 | 2,71,87,12,986.37 | 1,60,01,41,589.01 | 23,25,70,90,712.82 | (C) Suspense Account | | | | 19,42,36,12,283.09 | 2,46,01,09,908.74 | 1,56,22,19,589.79 | 23,44,59,41,781.62 |
| 21,08,57,21,736.98 | 3,06,08,36,024.59 | 1,92,89,99,808.44 | 26,07,55,57,570.01 | Total—Budget 'A' | | | | 21,02,66,73,382.80 | 3,07,91,68,949.76 | 1,93,40,23,610.98 | 26,03,98,65,943.54 |
| 23,13,188.59 | .. | .. | 23,13,188.59 | Tree Authority Budget. | | | | 23,13,188.59 | .. | .. | 23,13,188.59 |
| | | | | Budget 'B' | | | | | | | |
| 15,09,40,942.71 | .. | .. | 15,09,40,942.71 | (A) General Account | | | | 15,09,40,942.71 | .. | .. | 15,09,40,942.71 |
| 7,04,86,235.47 | .. | .. | 7,04,86,235.47 | (B) Capital Account | | | | 7,04,86,235.47 | .. | .. | 7,04,86,235.47 |
| 3,64,04,332.02 | .. | .. | 3,64,04,332.02 | (C) Suspense Account | | | | 7,81,77,832.02 | .. | .. | 7,81,77,832.02 |
| 25,78,31,510.20 | .. | .. | 25,78,31,510.20 | Total—Budget 'B' | | | | 29,96,05,010.20 | .. | .. | 29,96,05,010.20 |
| 21,34,58,66,435.77 | 3,06,08,36,024.59 | 1,92,89,99,808.44 | 26,33,57,02,268.80 | Total Budgets 'A' + 'B' + TA | | | | 21,32,85,91,581.59 | 3,07,91,68,949.76 | 1,93,40,23,610.98 | 26,34,17,84,142.33 |
| .. | .. | .. | .. | Closing Balance as at 31st March 1984 as reconciled below* with the Cash Potation | | | | 6,52,26,052.11 | 1,80,68,745.40 | 1,88,56,586.93 | 10,21,51,384.44 |
| 21,39,38,17,633.70 | 3,09,72,37,695.16 | 1,95,28,80,197.91 | 26,44,39,35,526.77 | GRAND TOTAL | | | | 21,39,38,17,633.70 | 3,09,72,37,695.16 | 1,95,28,80,197.91 | 26,44,39,35,526.77 |
| | | | | *Bank Reconciliation : | | | | | | | |
| | | | | Balance as per Bank's Pass Book | | | | 2,92,27,636.05 | 34,50,764.72 | 1,84,76,822.60 | 5,11,55,223.37 |
| | | | | Add : Revenue sent to the Bank of 31st March 1984 but acknowledged on 1st April 1984. | | | | 1,64,22,135.64 | 59,15,500.14 | 25,46,071.34 | 2,48,83,707.12 |
| | | | | Less : Uncashed Cheques | | | | Dr. 8,64,55,448.02 | Dr. 2,52,64,909.24 | Dr. 2,00,05,837.40 | Dr. 13,17,26,194.66 |
| | | | | Total Bank Position. | | | | Dr. 4,08,05,676.33 | Dr. 1,58,98,644.38 | Cr. 10,17,056.54 | Dr. 5,56,87,264.17 |
| | | | | Balance in Bank as per Day Book (Column No. 10)— | | | | | | | |
| | | | | Balance in Office, in Government Promisory Notes etc. | | | | 2,40,550.00 | 17,56,305.00 | 1,72,530.00 | 21,69,385.00 |
| | | | | Balance in Office in Cash | | | | 10,57,91,178.44 | 568.66 | 4,359.22 | 10,57,96,106.32 |
| | | | | Collection kept in office Treasury | | | | .. | 3,22,10,516.12 | 1,76,62,641.17 | 4,98,73,157.29 |
| | | | | Total—Office Position | | | | 10,60,31,728.44 | 3,39,67,389.78 | 1,78,39,530.39 | 15,78,38,648.61 |
| | | | | Closing Balance as at 31st March 1984 as shown at above.* | | | | 6,52,26,052.11 | 1,80,68,745.40 | 1,88,56,586.93 | 10,21,51,384.44 |

APPENDIX No. 27.

IMPROVEMENT SCHEMES

General Account for the year ending 31st March 1984.

| Particulars | Amounts | Particulars | Amounts |
|---|-------------|---|-------------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix No. 35 | 7,16,70,982 | By Revenue Receipts as per Appendix No. 31 | 5,18,07,182 |
| | | Balance being deficit transferred to Capital Account Balance Sheet. | 1,98,63,800 |
| Total .. | 7,16,70,982 | Total .. | 7,16,70,982 |

APPENDIX No. 28

Slum Clearance Account—(City) General Account for the year ending 31st March 1984.

| Particulars | Amount | Particulars | Amount |
|---|-----------|---|-----------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix 36 | 72,76,163 | By Revenue Receipts under— | |
| | | I—Rent and other proceeds of properties. | 36,21,497 |
| | | II—Interest and Profits on Investments | .. |
| | | IV—Transfer of excess in Sinking Fund | .. |
| | | Balance being Deficit transferred to Capital Account Balance Sheet. | 36,54,666 |
| Total .. | 72,76,163 | Total .. | 72,76,163 |

APPENDIX No. 29.

Slum Clearance Account—(Western and Eastern Suburbs) General Account for the year ending 31st March 1984.

| Particulars | Amount | Particulars | Amount |
|---|-----------|---|-----------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix 37 | 65,04,870 | By Revenue Receipts under— | |
| | | I-(a) Rents and other proceeds properties. | 6,65,108 |
| | | (b) Receipts from Social Welfare Centre at S. G. Barve Nagar | 15,468 |
| | | II—Interest and Profits on Investments | .. |
| | | III—Miscellaneous Receipts. | 1,54,945 |
| | | Balance being Deficit transferred to Capital Account Balance Sheet. | 56,69,349 |
| Total .. | 65,04,870 | Total .. | 65,04,870 |

APPENDIX No. 30.

Improvement schemes A/c. Slum Improvement General Account for the year ending 31st March 1984.

| Particulars | Amount | Particulars | Amount |
|--|-------------|---|-------------|
| | Rs. | | Rs. |
| To Revenue Expenditure as per Appendix No. 38. ... | 6,54,88,926 | By Revenue Receipts under | |
| | | (i) Hutment Colony ... | 3,54,42,783 |
| | | (ii) Contribution from Budget 'A' ... | 3,00,46,143 |
| | | (iii) Subsidy for meeting the deficit ... | ... |
| Total ... | 6,54,88,926 | Total ... | 6,54,88,926 |

APPENDIX No. 39

IMPROVEMENT SCHEMES

Capital Account Balance Sheet—as on 31st March 1984.

| LIABILITIES | | Amount. | | ASSETS | | Amount. | |
|---|----|-----------------|----|--|----|-----------------|------------------|
| Rs. | P. | Rs. | P. | Rs. | P. | Rs. | P. |
| LOANS OUTSTANDING— | | | | BLOCK ACCOUNT— | | | |
| (Vide details as shown in appendix No. 52) | | 13,09,28,000.00 | | Property & Assets at original cost as per Appendix No. 43 | | 41,37,39,878.75 | |
| Loan Redemption Fund | | 14,95,82,489.06 | | LESS—ASSETS CREDITED BY— | | | |
| Advance from Surplus Moneys | | 9,90,02,261.96 | | (1) Transfer of Sinking Fund Accumulations in respect of Rs. 370 lakhs loan † | | 25,07,830.00 | |
| | | | | (2) Special grants from the Govt. of India | | 54,00,000.00 | |
| | | | | (3) Premia on loans raised in 1935-36 | | 30,000.00 | |
| | | | | (4) Grant-in-aid from Govt. of Bombay part expenditure of Acquisition of Land | | 5,00,000.00 | |
| | | | | (5) Sale proceeds of Land & Buildings | | 9,71,38,352.67 | —10,55,76,182.67 |
| Book value of land comprised in Schedules 'W' and 'X' | | 47,58,490.00 | | Book value of lands comprised in Schedules "W" & "X" as per Appendix No. 47 (Section 97A of B. M. C. Act.) | | | 30,81,63,696.08 |
| Sinking Fund on Loans | | 7,85,91,822.51 | | INVESTMENT— | | | |
| SPECIAL FUNDS— | | | | *Sinking Fund - In paper & Cash as per Appendix No. 48 | | 7,85,91,822.51 | |
| Investment Reserve Fund | | 2,86,15,814.40 | | †† Investment Reserve Fund - In Securities & Cash | | 2,86,15,814.40 | |
| Amenities Fund | | 42,13,817.98 | | †† Amenities Fund - In Securities & Cash | | 42,13,817.98 | |
| Rent Equalisation Fund | | 1,27,62,363.93 | | †† Rent Equalisation Fund - In Securities & Cash | | 1,27,62,363.93 | |
| Less : | | 50,84,55,059.84 | | CAPITAL FUND— | | | |
| REVENUE DEFICIT— | | | | In Fixed Deposits | | | |
| Deficit upto 31st March 1983 | | 5,14,85,254.76 | | In Cash | | | |
| Add—Deficit during 1983-84 | | 1,98,63,800.18 | | | | | |
| | | —7,13,49,054.94 | | | | | |
| Total | | 43,71,06,004.90 | | Total | | 43,71,06,004.90 | |

Dfr—I

* For Face, Book and Market Values of Securities held in the Sinking Funds on 31st March 1984, please see Appendix No. 55.

† Being the Sinking Fund accumulations in respect of the Loan of Rs. 370 Lakhs taken by the late Bombay Improvement Trust out of Bombay Development Cost Transferred to Capital Account as the Loan is converted into a fresh Loan repayable in equated annual instalments (vide C. R. No. 94 of 4th May 1936)

†† Comparison of Face, Purchase and Market Values as on 31st March 1984 of the different Securities held in the following Special Funds.

| †† Particulars of Securities. | Face Value. | Purchase rate percent. | Actual cost at purchase rate. | Market rate percent. | Market Value £ |
|--|-------------|------------------------|-------------------------------|----------------------|----------------|
| | Rs. | | Rs. P. | | Rs. P. |
| Investment Reserve Fund. | | | | | |
| 8 3/4% Rs. 400 Lakhs Bud. 'A' Division III Loan 1983-84. | 2,86,15,800 | Par | 2,86,15,800.00 | Par | 2,86,15,800.00 |
| Total | 2,86,15,800 | | 2,86,15,800.00 | | 2,86,15,800.00 |
| Amenities Fund. | | | | | |
| 8 3/4% Rs. 400 Lakhs Bud. 'A' Division III Loan 1983-84. | 42,13,800 | Par | 42,13,800.00 | Par | 42,13,800.00 |
| Total | 42,13,800 | | 42,13,800.00 | | 42,13,800.00 |
| Rent Equalisation Fund. | | | | | |
| 6% Rs. 250 Lakhs Budget 'A' Division I Loan 1966-67. | 1,27,62,300 | Par | 1,27,62,300.00 | Par | 1,27,62,300.00 |
| Total | 1,27,62,300 | | 1,27,62,300.00 | | 1,27,62,300.00 |

Appendix No. 40

Slum Clearance City

Capital Account Balance Sheet as on 31st March 1984.

| LIABILITIES | Amount | | ASSETS. | Amount | |
|---------------------------------------|----------------|-----------------|--|----------------|----------------|
| | Rs. | P. | | Rs. | P. |
| LOAN OUTSTANDING— | | | BLOCK ACCOUNT— | | |
| Vide details shown in Appendix No 53) | 5,64,12,421.99 | | Property and Assets at original cost as per Appendix No 44 | 5,41,70,977.72 | |
| Subsidy from Government | 1,06,52,426.00 | | Investment— | | |
| Sale proceeds up to 31st March 1984 | 33,028.68 | | Sinking Fund as per Appendix No. 49 | 2,02,95,357.26 | |
| Sinking Fund on Loans | 2,02,95,357.26 | | CAPITAL FUND— | | |
| Loan Redemption Fund | 61,88,494.01 | | In Fixed Deposit | ... | |
| Advance from Surplus monies | 2,64,45,983.32 | | Cash | ... | |
| | | 12,00,27,711.26 | | | |
| Less— | Rs. | P. | | | |
| Revenue Deficit | | | | | |
| Deficit upto 31st March 1983 | 4,19,06,710.03 | | | | |
| Add—Deficit during 1983-84 | 36,54,666.25 | | | | |
| | | —4,55,61,376.28 | | | |
| Total | ... | 7,44,66,334.98 | Total | ... | 7,44,66,334.98 |

Appendix No. 41

Slum Clearance Suburbs & Extended Suburbs.

Capital Account Balance Sheet as on 31st March 1984.

| LIABILITIES. | Amount | | ASSETS. | Amount | |
|------------------------------------|----------------|-----------------|---|----------------|----------------|
| | Rs. | P. | | Rs. | P. |
| Loan Outstanding (Appendix No. 53) | 5,24,54,104.00 | | Block Account— | | |
| Subsidy from Government | 57,82,779.00 | | Property and Assets at original cost as per Appendix No. 45 | 4,53,86,623.12 | |
| Sinking Fund on loans | 1,70,32,216.04 | | Investment— | | |
| Sale proceeds upto 31st March 1984 | 41,00,070.09 | | Sinking Fund as per App. 50 | 1,70,32,216.04 | |
| Loan Redemption Fund | 12,38,873.00 | | Capital Fund— | | |
| Advance from Surplus monies | 2,44,45,119.95 | | In Fixed Deposits | ... | |
| | | 10,50,53,162.08 | Cash | ... | |
| Less : | | | | | |
| Revenue Deficit | | | | | |
| Deficit upto 31st March 1983 | 3,69,64,974.27 | | | | |
| Add—Deficit during 1983-84 | 56,69,348.65 | | | | |
| | | —4,26,34,322.92 | | | |
| Total | ... | 6,24,18,839.16 | Total | ... | 6,24,18,839.16 |

Appendix No. 42

Slum Improvement

Capital Account Balance Sheet as on 31st March 1984.

| LIABILITIES. | AMOUNT | | ASSETS. | AMOUNT | |
|------------------------------------|----------------|-----------------|--|-----------------|-----------------|
| | Rs. | P. | | Rs. | P. |
| Loan Outstanding (Appendix No. 54) | 2,00,00,000.00 | | Block Account— | | |
| Sinking Fund on Loan | 30,62,706.27 | | Property and Assets at original cost as per Appendix No. 46. | 15,95,89,889.01 | |
| Grant-in-Aid from Govt. | 6,85,56,208.21 | | Investment— | | |
| Advance from Surplus monies | 7,10,39,680.80 | | Sinking Fund as per App. 51 | 30,62,706.27 | |
| | | 16,26,52,595.28 | Capital Fund— | | |
| Total | ... | 16,26,52,595.28 | In Fixed Deposits | ... | |
| | | | Cash | ... | |
| | | | Total | ... | 16,26,52,595.28 |

1/23/11/612

Appendix No. 43

IMPROVEMENT SCHEMES

Block account showing details of Capital Expenditure upto 31st March 1984.

| Particulars | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84 | Total Capital Expenditure upto 31st March 1984 | Particulars | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84 | Total Capital Expenditure upto 31st March 1984 |
|---|--|----------------------------|--|--|--|----------------------------|--|
| | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. |
| CAPITAL ACCOUNT | | | | Brought over .. | 36,74,01,946 | 54,37,590 | 37,28,39,536 |
| Improvement and Street Scheme. | | | | Housing Accommodation ... | 1,21,19,982 | ... | 1,21,19,982 |
| Schedule W Lands ... | 13,45,571 | ... | 13,45,571 | Acquisition of land at Mogra for shifting potter from Dharavi to Jogeshwari ... | 5,74,346 | ... | 5,74,346 |
| Schedule X Lands ... | 16,26,471 | ... | 16,26,471 | Const. of 100' wide Rd., from Edward to Jakeria Bunder Road—Acquisition of Port Trust land by B. M. C. ... | 28,08,780 | ... | 28,08,780 |
| Schedule Z Lands ... | 8 | ... | 8 | Acquisition of Land in survey No. 129, Hissal, Squatters Nos. 130-136 of Eksar Pahad for housing of dishoused tenants as well as displaced Industries in execution of its sanctioned Schemes ... | 94,149 | ... | 94,149 |
| Scheme No. | | | | Acquisition of land at Borla village | 53,38,728 | 13,36,837 | 66,75,565 |
| 1 First Nagpada ... | 29,16,099 | ... | 29,16,099 | Acquisition of land bearing C. S. No. 1325 (Part) and 1/325 Lower Parel Division for housing dishoused persons as a result of Municipal Scheme ... | 1,82,329 | ... | 1,82,329 |
| 2 Princess Street ... | 85,08,865 | ... | 85,08,865 | Acquisition of land at Poisar and Kandivali in Survey No. 94 and 95 (Part) of Poisar Survey Nos. 126, 128 and 129 (Part) of Kandivli ... | 3,51,977 | ... | 3,51,977 |
| 3 Sandhurst Road ... | 1,16,02,375 | ... | 1,16,02,375 | Taking over explosion victim tenements S. P. Sheds at Shantnagar Arthur Road, etc. ... | 4,84,801 | ... | 4,84,801 |
| 4 Gamdevi ... | 22,88,002 | ... | 22,88,002 | | 38,93,57,038 | 67,74,427 | 39,61,31,465 |
| 5 Dadar-Matunga ... | 1,00,53,384 | ... | 1,00,53,384 | Police Accommodation Schemes. | | | |
| 6 Sion-Matunga ... | 2,06,31,826 | ... | 2,06,31,826 | Scheme No. | | | |
| 7 Colaba Reclamation ... | 4,78,538 | ... | 4,78,538 | 14 First Nagpada ... | 84,450 | ... | 84,450 |
| 8 Mandvi-Koliwada ... | 26,52,501 | ... | 26,52,501 | 16 Wodehouse Road ... | 3,22,667 | ... | 3,22,667 |
| 11 Agripada ... | 3,127 | ... | 3,127 | 17 Duncan Road ... | 58,981 | ... | 58,981 |
| 13 Souther Street Extension—East-wards ... | 68,102 | ... | 68,102 | 18 Shepherd Road ... | 36,223 | ... | 36,223 |
| 27 Mathew Road ... | 14,11,129 | ... | 14,11,129 | 19 Agripada ... | 1,79,120 | ... | 1,79,120 |
| 29 Nowroji Hill ... | 86,57,482 | ... | 86,57,482 | 23 Connaught Road ... | 79,495 | ... | 79,495 |
| 30 Souther Street Extension—West-wards ... | 1,30,512 | ... | 1,30,512 | 24 Princess Street ... | 2,65,953 | ... | 2,65,953 |
| 31 Parel Suparibaug Estate ... | 91,42,350 | ... | 91,42,350 | 25 Gamdevi ... | 1,29,407 | ... | 1,29,407 |
| 32 East Agripada ... | 50,59,050 | ... | 50,59,050 | 34 Lamington Road ... | 461,024 | ... | 4,61,024 |
| 33 Bhatwadi ... | 3,28,433 | ... | 3,28,433 | 35 Sandhurst Road West ... | 1,46,104 | ... | 1,46,104 |
| 36 Lamington Road ... | 2,91,191 | ... | 2,91,191 | 39 Sandhurst Road East ... | 7,58,893 | ... | 7,58,893 |
| 37 Sydenham Road ... | 1,40,51,180 | ... | 1,40,51,180 | 40 Byculla ... | 8,28,411 | ... | 8,28,411 |
| 41 Undria Street ... | 5,72,800 | ... | 5,72,800 | 44 Maharbaudi ... | 2,71,434 | ... | 2,71,434 |
| 43 Parel Road Central ... | 38,97,348 | ... | 38,97,348 | 45 Palton Road ... | 5,71,492 | ... | 5,71,492 |
| 47 Parel Road North ... | 52,96,220 | ... | 52,96,220 | 46 Naigaum ... | 5,69,142 | ... | 5,69,142 |
| 49 Nepean Sea Road—Reclamation | 3,053 | ... | 3,053 | 48 Mahim ... | 453,032 | ... | 4,53,032 |
| 50 Mazagaon Street ... | 40,68,206 | ... | 40,68,206 | 55 Chinchbunder Road ... | 4,32,656 | ... | 4,32,656 |
| 52 Worli Street ... | 2,81,18,471 | ... | 2,81,18,471 | 55A Mazagaon ... | 4,53,560 | ... | 4,53,560 |
| 53 Foras Road ... | 36,82,045 | ... | 36,82,045 | 63 King's Circle (Matunga) ... | 4,82,185 | ... | 4,82,185 |
| 54 Kolbhatwadi ... | 21,79,254 | ... | 21,79,254 | 67 Naigaum (for Armed Police and Recruits) ... | 24,42,031 | ... | 24,42,031 |
| 55 Bellasis Road ... | 13,10,069 | 2,05,433 | 15,15,502 | 70 Arthur Road ... | 1,58,357 | ... | 1,58,357 |
| 56 Dharavi Street ... | 1,88,34,346 | ... | 1,88,34,346 | | 91,84,617 | ... | 91,84,617 |
| 57 Sewri-Wadala ... | 5,73,03,059 | 54,600 | 5,73,57,659 | Mill Company's Chawl Schemes | | | |
| 58 Worli-Extension ... | 1,71,69,755 | ... | 1,71,69,755 | Scheme No. | | | |
| 59 Sewri-Koliwada ... | 6,91,392 | ... | 6,91,392 | 42 Spring Mills ... | 5,18,990 | ... | 5,18,990 |
| 60 Naigaum Street ... | 76,18,685 | ... | 76,18,685 | 51 Century Mills ... | 1,29,980 | ... | 1,29,980 |
| 61 Fergusson Road ... | 15,68,030 | ... | 15,68,030 | 65 David Mills ... | 2,96,852 | ... | 2,96,852 |
| 62 Love Lane ... | 16,18,731 | ... | 16,18,731 | | 9,45,822 | ... | 9,45,822 |
| 64 Mahalaxmi ... | 4,86,705 | ... | 4,86,705 | | 36,74,01,946 | 54,37,590 | 37,28,39,536 |
| 69 Widening of Byculla Bridge... Chaupti Street ... | 7,20,290 24,085 | ... | 7,20,290 24,085 | | | | |
| 71 Chaupti Reclamation ... East Chaupti Estate ... | 1,889 4,380 | ... | 1,889 4,380 | | | | |
| Lump Sum Provision for granting loans to erect buildings on Imp. Scheme lands as provided under Section 354W of the Municipal Act ... | 15,040 | ... | 15,040 | | | | |
| 72 Tripartite Road ... | 2,26,684 | ... | 2,26,684 | | | | |
| 73 Palton Road ... | 10,37,510 | ... | 10,37,510 | | | | |
| 74 Sion Overbridge ... | 92,457 | ... | 92,457 | | | | |
| Lump Sum Provision for Acquisition in all Schemes ... | 6,136 | ... | 6,136 | | | | |
| Lump Sum provision for Housing Accommodation for poorer classes including revision for acquisition. | 1,03,79,7675 | 51,77,557 | 10,89,75,236 | | | | |
| Housing of squatters on land Near Mankhurd Railway Station ... | 8,38,300 | ... | 8,38,300 | | | | |
| Housing of Squatters on lands near Jogeshwari ... | 7,30,846 | ... | 7,30,846 | | | | |
| 76 Lohar Chawl Gully ... | 4,53,671 | ... | 4,53,671 | | | | |
| 77 Housing Accommodation—For Fishermen at Mahim Causeway ... | 459 | ... | 459 | | | | |
| Housing of Squatters Acquisition ... | Cr. 44,351 | ... | Cr. 44,351 | | | | |
| Housing of Squatters at Vikroli ... | 151 | ... | 151 | | | | |
| Construction of Dormitories ... | 6,92,736 | ... | 6,92,736 | | | | |
| Acquisition of land at Govand ... | 25,10,218 | ... | 25,10,218 | | | | |
| Carried forward ... | 36,74,01,946 | 54,37,590 | 37,28,39,536 | Carried forward | 39,94,87,477 | 67,74,427 | 40,62,61,504 |

Appendix No. 43—(Concl'd.)

| Particulars | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84. | Total Capital Expenditure upto 31st March 1984. | Particulars | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84. | Total Capital Expenditure upto 31st March 1984 |
|---|--|-----------------------------|---|---|--|-----------------------------|--|
| | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. |
| Brought over ... | 39,94,87,477 | 67,74,427 | 4,0,62,61,904 | Brought over ... | 39,99,50,788 | 67,74,427 | 40,67,25,215 |
| Slum Clearance. | | | | Brought over ... | 7,56,460 | ... | 7,56,460 |
| Preliminary Expenses ... | 22,481 | ... | 22,481 | Refund to preliminary expenses to Government ... | 38,019 | ... | 38,019 |
| Transit Camps for providing alternative housing accommodation to facilitate Slum Clearance— | | | | Preliminary expenses in connection with the Improvements of slum areas ... | 68,816 | ... | 68,816 |
| (i) Construction of 244 tenements, etc. ... | 2,58,843 | ... | 2,58,843 | Provision of a lift in the Improvement Trust Building at Napier Road near Queens Statue ... | 12,267 | ... | 12,267 |
| (ii) Construction of 210 tenements etc. | 1,81,987 | ... | 1,81,987 | | 8,75,562 | | 8,75,562 |
| | 4,63,311 | ... | 4,63,311 | Discount on Loans ... | 14,53,359 | ... | 14,53,359 |
| Miscellaneous. | | | | Expenses in connection with the Loan of Rs. 10 lakhs ... | 12,227 | ... | 12,227 |
| Survey of the Island of Bombay... | 1,06,046 | ... | 1,06,046 | Expenses in connection with the repayment of Rs. 25 Lakhs Loan ... | 19,504 | ... | 19,504 |
| Administrative Offices, etc.— Building on Esplanade Road near Queen's Statue ... | 3,21,562 | ... | 3,21,562 | Expenses in connection with the loan raised in 1957-58 ... | 62,048 | ... | 62,048 |
| Engineer's Office at Matunga ... | 1,38,468 | ... | 1,38,468 | Repayment of Rs. 40 lakhs loan of 1919 ... | 26,83,469 | ... | 26,83,469 |
| Central Stores at the back of Frere Fitcher School ... | 15,656 | ... | 15,656 | Part payment of Rs. 25 Lakhs loan of 1926 ... | 19,08,494 | ... | 19,08,494 |
| Store yard at Agripada, etc. ... | 83,801 | ... | 83,801 | | 61,39,101 | ... | 61,39,101 |
| Workshop for Motor Lorries at Agripada ... | 90,368 | ... | 90,368 | | | | |
| Tools and Plant ... | 559 | ... | 559 | | | | |
| | 7,56,460 | ... | 7,56,460 | | | | |
| Carried forward... | 39,99,50,788 | 67,74,427 | 40,67,25,215 | Grand Total ... | 40,69,65,451 | *67,74,427 | 41,37,39,878 |

* This figure includes Rs. 10,06,000 being the share of cost of Management and Establishment chargeable to Capital Account.

Div.—I

APPENDIX No. 44.

IMPROVEMENT SCHEMES—SLUM CLEARANCE—CITY.

Block account showing details of Capital Expenditure upto 31st March 1984.

| PARTICULARS | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84 | Total Capital Expenditure upto 31st March 1984 |
|--|--|----------------------------|--|
| | Rs. | Rs. | Rs. |
| A—Works to be carried out from Municipal Fund | | | |
| Acquisition of land within, adjoining or surrounded by clearance Areas for housing or other development works .. | 10,47,243 | .. | 10,47,243 |
| Transit Camps for providing temporary alternative housing accommodation to facilitate Slum Clearance .. | 5,33,767 | .. | 5,33,767 |
| Permanent Housing for Slum Population .. | 13,54,259 | .. | 13,54,259 |
| Providing Sewerage arrangement in Kamathipura Area .. | 1,71,857 | .. | 1,71,857 |
| Discount and other charges on the loan of Rs. 10 lakhs raised in 1956-57.. | 10,108 | .. | 10,108 |
| Discount and other charges on the loan of Rs. 20 lakhs raised in 1957-58 | 45,160 | .. | 45,160 |
| Do. on the loan of Rs. 10 lakhs raised in 1958-59 | 17,721 | .. | 17,721 |
| Miscellaneous expenses including Preliminary expenses (Staff and contingencies in connection with Slum Clearance) .. | 38,93,978 | 250 | 38,94,228 |
| Construction of bldg. at Bhat Chawl compound at Worli .. | 8,16,582 | 52,424 | 8,69,006 |
| Total A—Works to be carried out from Municipal Fund .. | 78,90,675 | 52,674 | 79,43,349 |
| B.—Works to be carried out with the Government Aid— | | | |
| Acquisition of land within, adjoining or surrounded by Clearance Areas for re-housing or other development works .. | 54,73,593 | .. | 54,73,593 |
| Permanent Housing for Slum Population .. | 3,68,68,342 | 38,85,694 | 4,07,54,036 |
| Total B—Works to be carried out with the Government Aid .. | 4,23,41,935 | 38,85,694 | 4,62,27,629 |
| Grand Total* .. | 5,02,32,610 | 39,38,368 | 5,41,70,978 |

* Previous expenditure amounting to Rs. 4,63,311 upto 31st March 1966 is shown in Appendix No. 43.

APPENDIX No. 45.

IMPROVEMENT SCHEMES—SLUM CLEARANCE—SUBURBS.

Block account showing details of Capital Expenditure upto 31st March 1984.

| PARTICULARS / | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84 | Total Capital Expenditure upto 31st March 1984 |
|--|--|----------------------------|--|
| | Rs. | Rs. | Rs. |
| Slum Clearance—Suburbs. | | | |
| A.—Works to be carried out from Municipal Fund. | | | |
| Miscellaneous expenses including Preliminary Expenses (Staff and Contingencies) .. | 1,76,24,422 | .. | 1,76,24,422 |
| Total A.—Works to be carried out from Municipal Fund .. | 1,76,24,422 | .. | 1,76,24,422 |
| B.—Works to be carried out with the Government Aid | | | |
| (b) Chawl and S. P. Chawls .. | 2,78,81,102 | Cr. 1,18,901 | 2,77,62,201 |
| Total B.—Works to be carried out with the Government Aid .. | 2,78,81,102 | Cr. 1,18,901 | 2,77,62,201 |
| Grand Total .. | 4,55,05,524 | Cr. 1,18,901 | 4,53,86,623 |

APPENDIX No. 46

IMPROVEMENT SCHEMES SLUM IMPROVEMENTS

Block account showing details of Capital Expenditure upto 31st March 1984.

| PARTICULARS | Total Capital Expenditure upto 31st March 1983 | Expenditure during 1983-84 | Total Capital Expenditure upto 31st March 1984 |
|---|---|----------------------------------|---|
| | Rs. | Rs. | Rs. |
| (a) Construction | | | |
| (1) Providing Civic amenities under the environmental improvements Scheme to the existing and newly created hutment Colonies such as concrete passages, Drainage Lighting Sanitary conveniences including Washing places and water supply arrangement. .. | 6,81,65,331 | 1,12,02,399 | 7,93,67,730 |
| (2) Providing additional amenities to Slum population. .. | 5,87,18,645 | 1,87,79,262 | 7,74,97,907 |
| (3) Civic amenities such as AP Blocks drains channels, passages to the existing colonies and pitches on Municipal land at Shivaji Nagar, Deonar. .. | 20,01,386 | 4,85,425 | 24,86,811 |
| (4) Developing the pitches and providing amenities to the hutment dwellers coming in the way of construction of fly over bridge at Goregaon for rehabilitating about 550 hutment dwellers .. | .. | 2,37,441 | 2,37,441 |
| Total : .. | 12,88,85,362 | 3,07,04,527 | 15,95,89,889 |

Div.—I

APPENDIX No. 52—(Consolidated)

Statement showing outstanding balances of Loans on 31st March 1984, pertaining to Budget 'B'.

| Serial No. | Particulars of Loans | Rate of Interest per annum. | Outstanding Loan Balance on 31st March 1984. | Serial No. | Particulars of Loans | Rate of Interest per annum. | Outstanding Loan Balance on 31st March 1984 |
|------------|---|-----------------------------|--|------------|--|-----------------------------|---|
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | | | Rs. | | | | Rs. |
| | Improvement Scheme— | | | 43 | Programme No. 10 | | |
| | Loans Raised from the Government. | | | 44 | Rs. 1,62,343 Loan, 1966-67 | 5½% | 1,32,233.75 |
| | | | | 45 | Rs. 2,108 Loan, 1967-68 | 5½% | 1,719.93 |
| | | | | 46 | Rs. 1,146 Loan, 1967-68 | 5½% | 936.20 |
| 1 | Rs. 100 lakhs Loan 1924 | 4½% | 1,00,00,000.00 | | Rs. 58,984 Loan, 1968-69 | 5½% | 48,100.91 |
| 2 | Rs. 70 Lakhs Loan 1925 | 4½% | 70,00,000.00 | | Total Prog. 10 | | 1,82,990.79 |
| | Total—Govt. Loans | | 1,70,00,000.00 | 47 | Programme No. 11 | | |
| | Loans raised from Public— | | | 48 | Rs. 69,426 Loan, 1968-69 | 5½% | 56,620.36 |
| 3 | Rs. 19.28 out of Rs. 19.39 Lakhs Loan, 1956-57. | 4% | 19,28,000.00 | 49 | Rs. 75,936 Loan, 1969-70 | 5½% | 61,923.04 |
| 4 | Rs. 50 Lakhs Loan, 1959-60 | 4% | 50,00,000.00 | | Rs. 13,725 Loan, 1970-71 | 6½% | 11,419.15 |
| 5 | Rs. 70 Lakhs Loan, 1960-61 | 4½% | 70,00,000.00 | | Total—Prog. 11 | | 1,29,962.55 |
| 6 | Rs. 50 Lakhs Loan, 1961-62 | 4½% | 50,00,000.00 | | Total—Govt. Loans | | 58,76,421.99 |
| 7 | Rs. 100 Lakhs Loan 1962-63 | 4½% | 1,00,00,000.00 | | Loan raised from the Public— | | |
| 8 | Rs. 50 Lakhs Loan, 1963-64 | 4½% | 50,00,000.00 | 50 | Rs. 25 Lakhs Loan, 1959-60 | 4% | 25,00,000.00 |
| 9 | Rs. 100 Lakhs Loan, 1965-66 | 6% | 1,00,00,000.00 | 51 | Rs. 50 Lakhs Loan, 1961-62 | 4½% | 50,00,000.00 |
| 10 | Rs. 50 Lakhs Loan, 1966-67 | 6% | 50,00,000.00 | 52 | Rs. 30 Lakhs Loan, 1964-65 | 4½% | 30,00,000.00 |
| 11 | Rs. 50 Lakhs Loan, 1967-68 | 6% | 50,00,000.00 | 53 | Rs. 50 Lakhs Loan, 1966-67 | 6% | 50,00,000.00 |
| 12 | Rs. 75 Lakhs Loan, 1968-69 | 6% | 75,00,000.00 | 54 | Rs. 25 Lakhs Loan, 1971-72 | 6% | 25,00,000.00 |
| 13 | Rs. 250 Lakhs Loan 1976-77 | 6½% | 2,50,00,000.00 | 55 | Rs. 50 Lakhs Loan, 1972-73 | 6% | 50,00,000.00 |
| 14 | Rs. 275 Lakhs Loan 1977-78 | 6½% | 2,75,00,000.00 | 56 | Rs. 50 Lakhs Loan, 1973-74 | 6% | 50,00,000.00 |
| | Total—Public Loans | | 11,39,28,000.00 | 57 | Rs. 75 Lakhs Loan, 1975-76 | 6½% | 75,00,000.00 |
| | Total—Improvement Scheme | | 13,09,28,000.00 | 58 | Rs. 100 Lakhs Loan, 1976-77 | 6½% | 1,00,00,000.00 |
| | Slum Clearance—City— | | | 59 | Rs. 50 Lakhs Loan 1977-78 | 6½% | 50,00,000.00 |
| | Loans raised from the Govt. | | | | Total—Public Loans | | 5,05,00,000.00 |
| | Programme No. 1 | | | | Total—Slum Clearance (City) | | 5,63,76,421.99 |
| 15 | Rs. 9,50,997 Loan, 1957-58 | 4½% | 6,55,877.50 | | Slum Clearance—Suburbs & Extd. Suburbs— | | |
| 16 | Rs. 6,12,000 Loan, 1958-59 | 4½% | 4,22,080.29 | | Loan raised from the Govt.— | | |
| 17 | Rs. 2,73,000 Loan, 1959-60 | 4½% | 1,88,283.04 | 60 | Programme No. 2 | | |
| 18 | Rs. 1,85,000 Loan, 1960-61 | 4½% | 1,27,589.70 | | Rs. 307,000 Loan, 1959-60 | 4½% | 2,45,165.73 |
| 19 | Rs. 5,04,000 Loan, 1961-62 | 4½% | 3,22,767.21 | 61 | Rs. 5,84,000 Loan, 1960-61 | 4½% | 4,66,364.97 |
| 20 | Rs. 2,64,529 Loan 1962-63 | 5½% | 1,88,475.84 | 62 | Rs. 3,54,375 Loan, 1962-63 | 5½% | 2,89,355.73 |
| 21 | Rs. 2,50,971 Loan, 1963-64 | 5½% | 1,78,815.82 | 63 | Rs. 1,67,625 Loan, 1963-64 | 5½% | 1,36,871.12 |
| 22 | Rs. 47,250 Loan, 1964-65 | 5½% | 33,665.51 | 64 | Rs. 2,43,364 Loan, 1964-65 | 5½% | 1,98,717.51 |
| 23 | Rs. 2,20,355 Loan, 1964-65 | 5½% | 1,57,002.09 | 65 | Rs. 11,599 Loan, 1966-67 | 5½% | 9,451.80 |
| 24 | Rs. 50,504 Loan, 1965-66 | 5½% | 35,732.72 | | Total—Prog. 2 | | 13,45,936.86 |
| 25 | Rs. 73 Loan, 1965-66 | 5½% | 51.72 | 66 | Programme No. 3 | | |
| 26 | Rs. 568 Loan 1968-69 | 5½% | 402.00 | | Rs. 1,62,000 Loan, 1960-61 | 4½% | 84,824.00 |
| | Total—Prog. 1 | | 23,10,743.44 | 67 | Rs. 9,72,000 Loan, 1961-62 | 4½% | 5,08,942.48 |
| | Programme No. 2 | | | 68 | Rs. 1,00,182 Loan, 1962-63 | 5½% | 54,961.24 |
| 27 | Rs. 94,500 Loan, 1961-62 | 4½% | 75,459.40 | 69 | Rs. 7,818 Loan, 1963-64 | 5½% | 4,289.92 |
| | Total—Prog. 2 | | 75,459.40 | | Total—Prog. 3 | | 6,53,017.64 |
| | Programme No. 3 | | | 70 | Programme No. 4 | | |
| 28 | Rs. 9,00,000 Loan 1960-61 | 4½% | 4,71,254.34 | | Rs. 4,65,300 Loan 1963-64 | 5½% | 3,79,939.61 |
| 29 | Rs. 62,037 Loan 1962-63 | 5½% | 34,034.51 | 71 | Rs. 1,08,900 Loan 1964-65 | 5½% | 88,923.93 |
| 30 | Rs. 9,963 Loan 1963-64 | 5½% | 5,466.25 | 72 | Rs. 4,75,911 Loan 1964-65 | 5½% | 3,83,591.85 |
| | Total—Prog. 3 | | 5,10,755.10 | 73 | Rs. 1,31,267 Loan 1965-66 | 5½% | 1,07,047.76 |
| | Programme No. 4 | | | 74 | Rs. 1,53,917 Loan 1965-66 | 5½% | 1,25,520.98 |
| 31 | Rs. 3,69,600 Loan, 1963-64 | 5½% | 3,01,797.78 | 75 | Rs. 1,07,739 Loan 1965-66 | 5½% | 87,859.60 |
| 32 | Rs. 1,84,800 Loan, 1964-65 | 5½% | 1,50,898.91 | 76 | Rs. 1,06,343 Loan 1965-66 | 5½% | 86,720.62 |
| | Total—Prog. 4 | | 4,52,696.69 | 77 | Rs. 1,28,865 Loan 1966-67 | 5½% | 1,05,088.96 |
| | Programme No. 6 | | | 78 | Rs. 66,705 Loan 1967-68 | 5½% | 54,401.43 |
| 33 | Rs. 1,53,900 Loan, 1966-67 | 5½% | 1,08,903.60 | 79 | Rs. 12,159 Loan 1967-68 | 5½% | 9,920.20 |
| 34 | Rs. 10,190 Loan, 1967-68 | 5½% | 7,209.67 | 80 | Rs. 22,388 Loan 1968-69 | 5½% | 18,262.45 |
| 35 | Rs. 6,910 Loan, 1967-68 | 5½% | 4,888.88 | 81 | Rs. 3,519 Loan 1968-69 | 5½% | 2,872.11 |
| 36 | Rs. 57,000 Loan, 1968-69 | 5½% | 40,328.92 | | Total Prog. 4 | | 14,55,149.50 |
| | Total—Prog. 6 | | 1,61,331.07 | | Total Govt. Loan | | 34,54,104.00 |
| | Programme No. 9 | | | 82 | Loans raised from the Public— | | |
| 37 | Rs. 6,10,818 Loan, 1966-67 | 5½% | 4,98,121.32 | | Rs. 50 Lakhs Loan 1962-63 | 4½% | 50,00,000.00 |
| 38 | Rs. 5,73,838 Loan, 1967-68 | 5½% | 4,67,962.95 | 83 | Rs. 50 Lakhs Loan 1966-67 | 6% | 50,00,000.00 |
| 39 | Rs. 7,28,110 Loan, 1968-69 | 5½% | 5,93,766.13 | 84 | Rs. 50 Lakhs Loan 1967-68 | 6% | 50,00,000.00 |
| 40 | Rs. 1,00,518 Loan, 1968-69 | 5½% | 81,977.68 | 85 | Rs. 25 Lakhs Loan 1968-69 | 6% | 25,00,000.00 |
| 41 | Rs. 1,04,516 Loan, 1969-70 | 5½% | 85,231.66 | 86 | Rs. 40 Lakhs Loan 1973-74 | 6% | 40,00,000.00 |
| 42 | Rs. 3,91,298 Loan, 1970-71 | 6½% | 3,25,423.21 | 87 | Rs. 100 Lakhs Loan 1975-76 | 6½% | 1,00,00,000.00 |
| | Total—Prog. 9 | | 20,52,482.95 | 88 | Rs. 125 Lakhs Loan 1976-77 | 6½% | 1,25,00,000.00 |
| | | | | 89 | Rs. 50 Lakhs Loan 1977-78 | 6½% | 50,00,000.00 |
| | | | | | Total—Public Loans | | 4,90,00,000.00 |
| | | | | | Total—Slum Clearance (Subs. & Ext. Subs.) | | 5,24,54,104.00 |
| | | | | | Slum Improvement— | | |
| | | | | | Loans raised from Public :— | | |
| | | | | 90 | Rs. 200 Lakhs Loan 1976-77 | 6½% | 2,00,00,000.00 |
| | | | | | Total—Slum Improvement... | | 2,00,00,000.00 |
| | | | | | Grand Total—Budget 'B' | | 25,97,58,525.99 |

APPENDIX No. 59

EDUCATION FUND

Revenue Account for the year ended 31st March 1984.

| Particulars | | | Particulars | Total | |
|--|-----------------|----|--|-----------------|----|
| | Rs. | P. | | Rs. | P. |
| To Revenue Expenditure ... | 42,84,33,697.29 | | By Revenue Receipts ... | 42,50,43 | 70 |
| | | | By Revenue Deficit during the year. ... | 33,90,531.59 | |
| Total ... | 42,84,33,697.29 | | Total ... | 42,84,33,697.29 | |
| To Revenue Expenditure to be incurred in 1984-85 and provided for as Renewed Grants... | 2,26,00,000.00 | | By Surplus Revenue Fund as at 1st April 1983 | 2,22,97,343.86 | |
| To Revenue Deficit during the year 1983-84. ... | 33,90,531.59 | | By Revenue of previous years reserved for the year 1983-84 ... | 1,98,50,000.00 | |
| To Balance being Surplus Revenue Fund as at 31st March 1984. ... | 1,61,56,812.27 | | | | |
| Total ... | 4,21,47,343.86 | | | 4,21,47,343.86 | |

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Div.—J

APPENDIX No. 62

EDUCATION FUND

Revenue Account Balance Sheet as at 31st March 1984.

| Liabilities. | | Assets | |
|---|-----------------------|--|-----------------------|
| | Rs. P. | | Rs. P. |
| Due on Cheques Payable ... | 25,04,214.05 | Cash at Bank Ra. 1,12,38,297.81 Cash in Office Ra. 18,51,379.81 | 1,30,89,677.62 |
| Due on Outstanding Charges on account of Interest Accrued but Not Paid (Appendix-69) ... | 34,38,956.60 | Education Loan Interest Warrants Payable Account. | 2,505.50 |
| Unclaimed Dues & Deposits (Refundable) Account (Appendix-67-A) ... | 3,89,604.70 | Advances—Appendix No. 67 | 1,61,36,436.00 |
| Deposits in Cash and Public Securities from Contractors and Private Parties (Appendix-68) ... | 2,73,27,956.67 | Deposits— In Securities ... Ra. 25,000.00 In Office ... | 25,000.00 |
| Interest on Loans Payable A/c. (Appendix No. 65) ... | 70,735.25 | Amount held in Budget 'A' Div.—I ... | 64,14,618.50 |
| Endowment Fund (Appendix-72) ... | 4,96,812.54 | Advance from Surplus monies for Capital Works | 2,87,60,993.83 |
| Due on Outstanding Charges for 1983-84 and previous year ... | 2,26,00,000.00 | Investments— Endowment Fund— (Appendix-72) In securities Ra. 4,74,571.53 In Fixed Deposit Ra. 22,200.00 In cash Ra. 41.01 | 4,96,812.54 |
| Surplus Revenue Fund (Vide Appendix No. 59) ... | 1,61,56,812.27 | Surplus Fund— In Securities* Ra. 80,58,363.92 | |
| | | In Call Deposit ... | |
| | | In Cash at Bank Ra. 684.17 | 80,59,048.09 |
| Total ... | 7,29,85,092.08 | Total ... | 7,29,85,092.08 |

* Details of Securities held in Surplus Fund

| | Face Value | Book Value |
|---|---------------------|---------------------|
| | Rs. | Rs. |
| 7% Rs. 100 Lakhs B.M.D. Budget E (Internal) Loan 1981-82 .. | 80,57,800.00 | 80,57,800.00 |
| 3% Conversion Loan 1946-86 .. | 700.00 | 563.92 |
| | <u>80,58,500.00</u> | <u>80,58,363.92</u> |

Div. 1

APPENDIX No. 63

EDUCATION FUND

Capital Fund Balance Sheet as at 31st March 1984.

| Liabilities | | Assets | |
|---|-----------------|--------|---|
| | Rs. | P. | |
| Loans Outstanding— | | | Block Account—Appendix 64 |
| Due to Public ... | 26,25,50,000.00 | | Loan Funds ... |
| Trust Fund ... | | 694.31 | Trust Fund ... |
| Surplus— | | | Investment - |
| Sinking Fund ... | 6,98,52,818.62 | | Sinking Fund—Appendix 66 and 71 |
| Contribution from Trust Fund ... | 2,08,755.42 | | In Securities Rs. 6,98,52,741.23 |
| Contribution from Government ... | 10,00,000.00 | | In cash at Bank Rs. 77.39 |
| Advance from Surplus Monies for meeting Capital Expenditure pending raising of Loans ... | 2,87,60,993.83 | | 6,98,52,818.62 |
| Loan Redemption Fund Rs. 7,87,00,000.00 | | | Trust Fund |
| Less— | | | In Cash ... |
| Assets written off Rs. 2,44,495.14 | 7,84,55,504.86 | | Loan Fund |
| | | | In Securities Rs. ... |
| | | | In cash at Bank Rs. ... |
| | | | ... |
| Grand Total ... | 44,08,28,767.04 | | Grand Total... 44,08,28,767.04 |

APPENDIX No 64

Statement showing Capital Works Expenditure upto 31st March 1984.

Education Fund.

| Capital Account | Total Capital Works Expenditure upto 31st March, 1983. | Capital Works Expenditure during 1983-84. | Total Capital Works Expenditure upto 31st March 1984. |
|-------------------------------------|--|---|---|
| | Rs. | Rs. | Rs. |
| Loan Funds. | | | |
| City Section ... | 12,05,18,123.74 | 90,11,731.11 | 12,95,29,854.85 |
| Western Suburban Section .. | 15,58,88,566.06* | 2,11,83,000.74 | 17,70,71,566.80 |
| Eastern Suburban Section ... | 4,90,58,794.66 | 1,51,06,282.38 | 6,41,65,077.04 |
| Total-Loan Fund ... | 32,54,65,484.46 | 4,53,01,014.23 | 37,07,66,498.69 |
| Trust Fund ... | 2,08,755.42 | ... | 2,08,755.42 |
| Grand Total ... | 32,56,74,239.88 | 4,53,01,014.23 | 37,09,75,254.11 |

Div.—I

* This includes the Eastern Sub. Capital Expenditure in respect of Works Completed upto 31-3-1982.

**APPENDIX
EDUCATION**

Statement showing outstanding Loans due by the Municipal Corporation the Interest out standing on 1st April 1983 and Office during that year and the balance outstanding on 31st March 1984.

| Particulars of Loans. | Rate of Interest percent. p.a. | Balance due on 1-4-1983 | Amount raised in 1983-84 | Total | Amount repaid in 1983-84 |
|---------------------------------------|--------------------------------|-------------------------|--------------------------|--------------|--------------------------|
| (1) | (2) | (3) | (4) | (5) | (6) |
| | | Rs. | Rs. | Rs. | Rs. |
| Loans from Public | | | | | |
| (1) Rs. 33 Lakhs Loan (1971-72) .. | 6 | 33,00,000 | .. | 33,00,000 | 33,00,000 |
| (2) Rs. 82.5 Lakhs Loan (1972-73) .. | 6 | 82,50,000 | .. | 82,50,000 | .. |
| (3) Rs. 110 Lakhs Loan (1973-74) .. | 6 | 1,10,00,000 | .. | 1,10,00,000 | .. |
| (4) Rs. 110 Lakhs Loan (1974-75) .. | 6½ | 1,10,00,000 | .. | 1,10,00,000 | .. |
| (5) Rs. 55 Lakhs Loan (1975-76) .. | 6½ | 55,00,000 | .. | 55,00,000 | .. |
| (6) Rs. 55 Lakhs Loan (1976-77) .. | 6½ | 55,00,000 | .. | 55,00,000 | .. |
| (7) Rs. 220 Lakhs Loan (1977-78) .. | 6½ | 2,20,00,000 | .. | 2,20,00,000 | .. |
| (8) Rs. 253 Lakhs Loan (1978-79) .. | 6½ | 2,53,00,000 | .. | 2,53,00,000 | .. |
| (9) Rs. 275 Lakhs Loan (1979-80) .. | 6½ | 2,75,00,000 | .. | 2,75,00,000 | .. |
| (10) Rs. 55 Lakhs Loan (1980-81) .. | 7 | 55,00,000 | .. | 55,00,000 | .. |
| (11) Rs. 110 Lakhs Loan (1981-82) | 7½ | 1,10,00,000 | .. | 1,10,00,000 | .. |
| (12) Rs. 220 Lakhs Loan (1982-83) .. | 7½ | 2,20,00,000 | .. | 2,20,00,000 | .. |
| (13) Rs. 302.5 Lakhs Loan 1983-84 .. | 8½ | .. | 3,02,50,000 | 3,02,50,000 | .. |
| Total Loans from Public | | 15,78,50,000 | 3,02,50,000 | 18,81,00,000 | 33,00,000 |
| Loans from Internal Funds | | | | | |
| (14) Rs. 10 Lakhs Loan (1960-61) .. | 4½ | 10,00,000 | .. | 10,00,000 | .. |
| (15) Rs. 10 Lakhs Loan (1961-62) .. | 4½ | 10,00,000 | .. | 10,00,000 | .. |
| (16) Rs. 25 Lakhs Loan (1962-63) .. | 4½ | 25,00,000 | .. | 25,00,000 | .. |
| (17) Rs. 12.5 Lakhs Loan (1963-64) .. | 4½ | 12,50,000 | .. | 12,50,000 | .. |
| (18) Rs. 25 Lakhs Loan (1966-67) .. | 6 | 25,00,000 | .. | 25,00,000 | .. |
| (19) Rs. 25 Lakhs Loan (1967-68) .. | 6 | 25,00,000 | .. | 25,00,000 | .. |
| (20) Rs. 20 Lakhs Loan (1968-69) .. | 6 | 20,00,000 | .. | 20,00,000 | .. |
| (21) Rs. 20 Lakhs Loan (1971-72) .. | 6 | 20,00,000 | .. | 20,00,000 | .. |
| (22) Rs. 100 Lakhs Loan (1972-73) .. | 6 | 1,00,00,000 | .. | 1,00,00,000 | .. |
| (23) Rs. 50 Lakhs Loan (1974-75) .. | 6½ | 50,00,000 | .. | 50,00,000 | .. |
| (24) Rs. 50 Lakhs Loan (1975-76) .. | 6½ | 50,00,000 | .. | 50,00,000 | .. |
| (25) Rs. 150 Lakhs Loan (1976-77) .. | 6½ | 1,50,00,000 | .. | 1,50,00,000 | .. |
| (26) Rs. 50 Lakhs Loan (1976-77) .. | 6½ | 50,00,000 | .. | 50,00,000 | .. |
| (27) Rs. 30 Lakhs Loan (1977-78) .. | 7½ | 30,00,000 | .. | 30,00,000 | .. |
| (28) Rs. 100 Lakhs Loan (1978-79) .. | 6½ | 1,00,00,000 | .. | 1,00,00,000 | .. |
| (29) Rs. 100 Lakhs Loan (1981-82) .. | 7 | 1,00,00,000 | .. | 1,00,00,000 | .. |
| Total Loans from Internal Funds | | 7,77,50,000 | .. | 7,77,50,000 | .. |
| Grand Total : | | 23,56,00,000 | 3,02,50,000 | 26,58,50,000 | 33,00,000 |

NO. 65

FUND

on the different Loans, the amount Payable for the year 1982-83, the amount paid by the State Bank of India

| Balance due on 31st March 1984 | Interest outstanding on 1-4-1983 | Interest payable in 1983-84 | Total Interest due | Deduct Interest paid by the State Bank of India and in Office. | Interest Outstanding as on 31st March 1984 |
|--------------------------------|----------------------------------|-----------------------------|--------------------|--|--|
| (7) | (8) | (9) | (10) | (11) | (12) |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| .. | .. | 1,98,000.00 | 1,98,000.00 | 1,98,000.00 | .. |
| 82,50,000 | 8,055.00 | 4,95,000.00 | 5,03,055.00 | 4,99,050.00 | 4,005.00 |
| 1,10,00,000 | .. | 6,60,000.00 | 6,60,000.00 | 6,60,000.00 | .. |
| 1,10,000.00 | .. | 6,87,500.00 | 6,87,500.00 | 6,87,500.00 | .. |
| 55,00,000 | 53,125.00 | 3,43,750.00 | 3,96,875.00 | 3,43,144.75 | 53,730.25 |
| 55,00,000 | 1,187.52 | 3,43,750.00 | 3,44,937.52 | 3,44,937.49 | 0.03* |
| 2,20,00,000 | .. | 13,75,000.00 | 13,75,000.00 | 13,75,000.00 | .. |
| 2,53,00,000 | .. | 16,44,500.00 | 16,44,500.00 | 16,31,500.00 | 13,000.00 |
| 2,75,00,000 | .. | 18,56,250.00 | 18,56,250.00 | 18,56,250.00 | .. |
| 55,00,000 | .. | 3,85,000.00 | 3,85,000.00 | 3,85,000.00 | .. |
| 1,10,00,000 | .. | 7,97,500.00 | 7,97,500.00 | 7,97,500.00 | .. |
| 2,20,00,000 | .. | 16,50,000.00 | 16,50,000.00 | 16,50,000.00 | .. |
| 3,02,50,000 | .. | .. | .. | .. | .. |
| 18,48,00,000 | 62,367.52 | 1,04,36,250.00 | 1,04,98,617.52 | 1,04,27,882.24 | 70,735.25 0.03 |
| 10,00,000 | .. | 42,500.00 | 42,500.00 | 42,500.00 | .. |
| 10,00,000 | .. | 42,500.00 | 42,500.00 | 42,500.00 | .. |
| 25,00,000 | .. | 1,12,500.00 | 1,12,500.00 | 1,12,500.00 | .. |
| 12,50,000 | .. | 59,375.00 | 59,375.00 | 59,375.00 | .. |
| 25,00,000 | .. | 1,50,000.00 | 1,50,000.00 | 1,50,000.00 | .. |
| 25,00,000 | .. | 1,50,000.00 | 1,50,000.00 | 1,50,000.00 | .. |
| 20,00,000 | .. | 1,20,000.00 | 1,20,000.00 | 1,20,000.00 | .. |
| 20,00,000 | .. | 1,20,000.00 | 1,20,000.00 | 1,20,000.00 | .. |
| 1,00,000.00 | .. | 6,00,000.00 | 6,00,000.00 | 6,00,000.00 | .. |
| 50,00,000 | .. | 3,12,500.00 | 3,12,500.00 | 3,12,500.00 | .. |
| 50,00,000 | .. | 3,12,500.00 | 3,12,500.00 | 3,12,500.00 | .. |
| 1,50,00,000 | .. | 9,37,500.00 | 9,37,500.00 | 9,37,500.00 | .. |
| 50,00,000 | .. | 3,12,500.00 | 3,12,500.00 | 3,12,500.00 | .. |
| 30,00,000 | .. | 2,25,000.00 | 2,25,000.00 | 2,25,000.00 | .. |
| 1,00,00,000 | .. | 6,50,000.00 | 6,50,000.00 | 6,50,000.00 | .. |
| 1,00,00,000 | .. | 7,00,000.00 | 7,00,000.00 | 7,00,000.00 | .. |
| 7,77,50,000 | .. | 48,46,875.00 | 48,46,875.00 | 48,46,875.00 | .. |
| 26,25,50,000 | 62,367.52 | 1,52,83,125.00 | 1,53,45,492.52 | 1,52,74,757.24 | 70,735.25 0.03* |

* Treated as Saving.

Div.E-I

APPENDIX No. 70—(Contd.)

| EXPENDITURE—A. REVENUE ACCOUNT | | Rs. | P. |
|--|-----|--------------|-----|
| A.—General Supervision and Administration | ... | 96,47,855 | 17 |
| B.—Municipal Primary Schools | ... | 33,39,58,476 | 59 |
| C.—Private Primary Schools | ... | 2,02,39,628 | 72 |
| D.—Medical Inspection of School Children | ... | 43,17,175 | 22 |
| E.—Enforcement of Compulsion | ... | ... | ... |
| F.—Educational Activities | ... | 27,25,814 | 77 |
| G.—Pension and Provident Fund | ... | 2,86,79,210 | 00 |
| I.—New Works | ... | 2,04,450 | 56 |
| J.—Debt Charges | ... | 2,61,98,176 | 45 |
| K.—Training Facilities for Municipal Teachers | ... | 97,833 | 79 |
| L.—Proportionate Cost of Collection of Education Cess | ... | 10,44,206 | 27 |
| M.—Extra-Curricular Activities | ... | 4,16,752 | 45 |
| O.—Proportionate Cost of C.E.'s Central Planning Staff | ... | 5,52,164 | 66 |
| P.—Lumpsum provision for payment of arrears on account of Revision of grades | ... | ... | ... |
| T.—Lumpsum provision for Deposit tenked Insurance Scheme | ... | 3,51,952 | 64 |
| Total—Revenue Expenditure | | 42,84,33,697 | 29 |
| EXPENDITURE—B.—CAPITAL ACCOUNT | | | |
| (1) Loan Funds— | ... | 4,53,01,014 | 23 |
| (2) Trust Fund | ... | ... | ... |
| Total—Capital Expenditure | | 4,53,01,014 | 23 |
| EXPENDITURE—C.—SUSPENSE ACCOUNT | | | |
| Advances to Municipal Officers— | | | |
| (a) Standing Advances for Contingent expenditure | ... | 74,251 | 90 |
| (b) Motor Cars and Motor Cycles to Officers | ... | 17,500 | 00 |
| Dishonoured Cheques | ... | 17,062 | 68 |
| Loan Scholarship to Municipal Teachers under Training | ... | ... | ... |
| Advance for meeting the cost of repairs to private buildings housing Municipal Schools under Section 489/499 recoverable from the landlords. | ... | ... | ... |
| Sundries—Miscellaneous Advances | ... | 1,52,58,953 | 16 |
| Total—Advances | | 1,53,67,767 | 74 |
| Paper and Cash Account—State Bank of India and other Local Banks including paper Deposits in Office Custody— | | | |
| Sinking Fund (Paper and Cash) Account | ... | 1,41,85,214 | 19 |
| Endowment Fund (Paper and Cash) Account | ... | 38 | 82 |
| Loan Fund (Paper and Cash) Account | ... | ... | ... |
| Surplus Fund (Paper and Cash) Account | ... | 1,31,49,858 | 03 |
| Sundry Deposits Account | ... | 3,400 | 00 |
| Total—Paper and Cash | | 2,73,38,511 | 04 |
| Deposit Account | ... | 1,01,53,420 | 22 |
| Provident Fund | ... | 3,24,53,555 | 10 |
| Pension Fund | ... | 83,19,773 | 69 |
| Gratuity Fund | ... | 3,78,052 | 38 |
| Cheques Payable | ... | 40,44,39,260 | 43 |
| Wages Deposit Account | ... | ... | ... |
| Amount transferred from Education Fund A/c to Municipal General Fund Budget A | ... | 44,17,41,119 | 34 |
| Endowment Fund Account | ... | 525 | 10 |
| Sinking Fund Account Education | ... | 1,34,77,158 | 84 |
| Education Loan Interest Warrants—Payable Account | ... | 1,04,74,567 | 74 |
| Interest Accrued but not paid | ... | 68,200 | 00 |
| Interest Receivable Account | ... | ... | ... |
| Investment of Surplus Monies in Public Securities | ... | ... | ... |
| Advance from Surplus Monies for financing Capital Works Expenditure pending raising of New Loans | ... | 1,50,51,014 | 23 |
| Repayment of Loan Account | ... | 33,00,000 | 00 |
| Unclaimed Dues and Deposits (Refundable) Account | ... | 52,860 | 00 |
| Interest on Loans Payable A/c | ... | 24,646 | 27 |
| Total—Deposits etc. | | 93,99,34,153 | 34 |
| Total—Suspense Expenditure | | 98,26,40,432 | 12 |

APPENDIX No. 70—(Contd.)

SUMMARY

| Receipts | | Account | Disbursements. | |
|---|----|--------------------------------------|-------------------|-------------------|
| Rs. | P. | | Rs. | P. |
| 1,13,97,823.66 | | Opening Balance on 1st April 1983 :— | | |
| 42,50,43,165.70 | | A.—Revenue Account .. | 42,84,33,697.29 | |
| 4,53,01,014.23 | | B.—Capital Account ? .. | 4,53,01,014.23 | |
| 98,77,23,511.98 | | C.—Suspense Account ? .. | 98,26,40,432.12 | |
| | | | | 1,45,63,75,143.64 |
| 1,45,80,67,691.91 | | Closing Balance on 31st March 1984. | | |
| 1,46,94,65,515.57 | | Total .. | 1,46,94,65,515.57 | |
| £ Banks Reconciliation— | | | Rs. | P. |
| Balance as per Bank's Pass Book. | | | | 1,792.79 |
| <i>Add</i> : Revenue sent to the Bank on 31st March 1984 but acknowledged on 1st April 1984. .. | | | 1,43,21,865.33 | |
| | | | Total .. | 1,43,23,658.12 |
| <i>Less</i> : Uncashed cheques. .. | | | 30,84,666.00 | |
| Balance as per Day Book (Col. No. 10). .. | | | 1,12,38,992.12 | |
| | | | Rs. | P. |
| Balance in Office in Government Promisary Notes etc. .. | | | | |
| Balance in Office in Cash. .. | | | | 0.31 |
| Collection kept in office. .. | | | 18,51,379.50 | 18,51,379.81 |
| Closing Balance as shown at above. .. | | | | 1,30,90,371.93 |

REVENUE AND ELECTIONS

(Assessment and Collection Department)

HIGH LIGHT—

I—Money spent on—

(Rs. in lacs).

| | City | Suburbs & Extended Subs. | Octroi | Total. |
|--|--------|--------------------------------|--------|--------|
| | Rs. | Rs. | Rs. | Rs. |
| (i) Establishment. | 135.31 | 106.48 | 115.47 | 357.26 |
| (ii) Other Expenditure. | *28.68 | 10.29 | 12.81 | 51.78 |
| (iii) Commission to collecting agencies. | .. | — | 103.84 | 103.84 |

* This includes the cost of Rs. 11.27 lacs for billing and accounting on Computer of property tax, water charges and wheel tax bills for City, Suburbs and Extended Suburbs.

II—Results achieved :—

Due to continuous collection drive, the recovery of Municipal property taxes, together with wheel tax and Octroi was in excess to the tune of 37.28 Crores as compared with last year, the details whereof are as under :—

(Rs. in Crores).

| Property taxes including wheel tax. | | | Octroi. | | | Total Excess |
|-------------------------------------|-----------------------------------|--------|-----------------------------------|-----------------------------------|---------|-----------------|
| Collection made in 1981-82. | Collection made in 1982-83. | Excess | Collection made in 1981-82. | Collection made in 1982-83. | Excess. | |
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 100.48 | 111.05 | 10.57 | 93.97 | 120.68 | 26.71 | 37.28 |

The property taxes and Octroi are the main stay of revenues of the Municipal Corporation and, therefore, this department has to achieve the target of collection by strenuous efforts throughout the year so that the Corporation can render civic services efficiently.

There was a marked improvement in the total tax collection -including Government taxes during the year under report in as much as the Department brought Rs. 128.22 Crores as against Rs. 115.57 Crores during the previous year.

The total demand of Municipal Property taxes, including water charges and wheel tax was Rs. 179.53 Crores whereas the total outstanding which includes arrears of previous years was Rs. 68.48 Crores. These arrears include settled demand as well as unsettled demand. 50% of these arrears is generally recovered during the subsequent year and balance amount remains locked up on account of various reasons shown under the statement (Appendix No. 8).

The finalisation of Rateable Value of Railway properties for the period from 1st April 1959 onwards is under process. The Railway authorities, in the meantime, have agreed to make an *ad-hoc* payment of Rs. 14.35 lacs for every year. (Rs. 8.95 lakcs for Central Railway and Rs. 5.40 lacs for Western Railway).

The assessment of Bombay Port Trust properties for the quinquennium 1969-74 is also in progress.

As regards the assessment of state and Central Government properties for the quinquennium 1979-84, Shri C. D. Vaidya, Architect, who has been appointed to fix the Rateable Values of lands and buildings in charge of the State and Central Governments in Greater Bombay has taken up the matter in hand and the same is in progress.

Building Repairs Cess :—Repairs Cess collected during the year 1982-83 is Rs. 6.26 Crores.

Maharashtra Tax on Buildings (with larger residential Premises (Re-enacted) Act 1979 :—

Under the aforesaid Act, the State Government has levied from 1-4-74 retrospectively a tax on residential premises having floorage of more than 125 Sq. Mtrs. and the Rateable Value thereof being more than Rs. 1,500/- at the rate of 10% of the Rateable value per year. The work of levy and recovery of this tax is entrusted to Assessment & Collection Department. The department has collected Rs. 87,56,000/- during the year 1982-83.

Octroi :...In the year 1982-83 the rates of Octroi continued to be the same as in the year 1981-82 for first 2 months i. e. from 1st April 1982 to 31st May 1982. However the rates of octroi on articles falling under item Nos. 1, 2(a) & (b) 4, 5, 6, 9, 10, 14, 18, 19, 20, 23, 24, 27, 38, 39, 42, 47 to 49, 53, 55, 59 & 60, which upto 31st May 1982 were on weight measure or numbers basis, were brought on ad-valorem basis from 1st June 1982.

Octroi collection during the year 82-83 amounted to Rs. 120.68 Crores as against the amount of Rs. 93.97 Crores during the year 1981-82. This shows an increase of Rs. 26.71 Crores in Octroi collection in 1982-83 over the Octroi collection for the preceding year.

Figures are shown hereunder for comparison :—

(Figures in Crores).

| | Years | | | Increase over 1981-82 |
|---------------------------------|---------|---------|---------|-----------------------------|
| | 1980-81 | 1981-82 | 1982-83 | |
| | Rs. | Rs. | Rs. | Rs. |
| (1) Gross Collection | 79.61 | 93.97 | 120.68 | +26.71 |
| (2) Less Refunds. | 7.57 | 8.28 | 12.88 | +4.60 |
| (3) Net Revenue | 72.04 | 85.69 | 107.80 | +22.11 |
| (4) Fees for stamping. | 0.009 | 0.006 | 0.007 | +0.001 |
| (5) Fees in respect of Refunds. | 0.84 | 0.92 | 1.34 | +0.42 |
| (6) Departmental Collection. | 56.57 | 64.42 | 81.22 | +16.80 |

1,43,358 claims for refund of Octroi on goods exported out of Greater Bombay, were received during 1982-83, as compared to 1,25,330 claims received in the year 1981-82.

Election :—A fullfledged Election office established on temporary basis on 20-1-82 for making preparations for the ensuing Municipal General Election due in March 1984. It was working with a skeleton staff from 1-4-1982 to 31-3-1983.

Against the results declared of the Municipal General Elections 1978, 31, Election Petitions were filed in the Small Cause Court under the provision of Section 33 of The Bombay Municipal Corporation Act. Out of these 31 petitions, 12 petitions were disposed of in the year of 1979-80 and 14 petitions were disposed of during 1980-81 and 3 petitions were disposed of during the year 1982. and one petition was disposed of in the year under report. One Petitions has still remained undisposed as on 31-3-1983.

P. B. MHASKAR,
Assessor and Collector.

APPENDIX No. 1
RATES OF TAXATION.

| Nature of tax. | Percentage | Remarks. |
|--|------------|---|
| (1) General Tax (including Fire Tax 1½%)- | 25½ % | In the areas of City, and subs. |
| (2) Water Tax | — 7% | Do. |
| (3) Water Benefit Tax | .. 5% | Do. |
| (4) Sewerage Tax | .. 4% | Do. |
| (5) Sewerage Benefit Tax | .. 3% | Do. |
| (6) Education Cess. | .. ½% | For Rateable Value between Rs. 1/- and Rs. 74/- |
| | 2½% | For R. V. between Rs. 75/- and Re. 299/-. |
| | 3% | For R. V. between Rs. 300/- and Rs. 4,999/-. |
| | 5% | For R. V. Rs. 5,000/- and above. |
| (7) State Education Cess :— | | |
| Slabs of annual letting value. | | In respect of land or bldgs. used or intended to be used for residential purposes. |
| (1) On R. V. Rs. 1/- to 74/-. | .. | Nil. |
| (2) Rs. 75/- or more but not more than Rs. 150/-. | .. 2% | 4% |
| (3) More than Rs. 150/- but less than Rs. 300/- | .. 3% | 6% |
| (4) Rs. 300/- or more but less than Rs. 3,000/-. | .. 4% | 8% |
| (5) Rs. 3,000/- or more but less than Rs. 6,000/-. | .. 5% | 10% |
| (6) Rs. 6,000/- or more. | .. 6% | 12% |
| (8) Water Chrges by Meter measurement in case of properties metered. | | The rates charged for supply of Water by meter measurement ranged between Rs. 2.50 to Rs. 60/- per 10,000 litres according to the user of property. |
| (9) Sewerage charges in case of properties metered and sewered. | .. | 50% of the amount of water charges billed where properties were metered. |
| (10) Employment Guarantee Cess. | .. | At ¼ the rate at which State Education Cess is levied on non-residential portion of lands and buildings. |

APPENDIX No. 2

Statement showing the position of properties during the year 1982-83.

| Properties. | City | Subs. and Extd. Subs. | Total |
|------------------------------------|-----------|-----------------------|----------|
| (1) Properties as on 31-3-1983. | .. 61,329 | 1,57,969 | 2,19,298 |
| (2) Properties exempted from G. T. | — 4,374 | 2,143 | 6,517 |
| (3) Properties newly assessed. | .. 370 | 5,303 | 5,673 |
| (4) Properties enlarged. | .. 1,170 | 2,910 | 4,080 |
| (5) Properties demolished. | .. 62 | 455 | 517 |

APPENDIX No. 3

Statement of Rateable Value as on 31-3-83. rates of R. V. per head etc.

| | City | Subs. & Extd. Subs. | Total |
|--------------------------------------|-------------------|---------------------|------------------|
| | Rs. | Rs. | Rs. |
| (1) Rateable Value | .. 89,16,02,613/- | 91,13,25,616/- | 1,80,29,28,229/- |
| (2) Population (1981 Census). | .. 32,58,117 | 49,69,215 | 82,27,332 |
| (3) Rate per head of population. | .. 273.65 | 183.39 | 219.13 |
| (4) Complaints against R. V. | .. 1,690 | 5,822 | 7,512 |
| (5) Percentage of Reduction in R. V. | .. 7.60% | 12.30% | 10.15% |
| (6) Appeals received against R. V. | .. 616 | 1,310 | 1,926 |
| (7) Appeals pending against R. V. | .. 582 | 1,254 | 1,836 |

APPENDIX No. 4.

Statement showing comparative position of Demand, Collection and Outstandings of Municipal Property Taxes (including Water Charges, Sewerage Charges, Water Benefit Tax and Sewerage Benefit Tax) and Wheel Tax.

(Amount in Crores)

| | Nature of Tax. | Year. | Total Net Demand. | Collection. | Percentage. | Outstandings | Percentage. | |
|--|-----------------|---------|-------------------|-------------|---------------------|--------------|-------------|------|
| | | | Rs. | Rs. | Rs. | Rs. | Rs. | |
| City | .. Property Tax | 1980-81 | 68.79 | 48.49 | 70.49% | 20.30 | 29.51% | |
| Subs. | | .. | 52.13 | 30.17 | 58.01% | 21.96 | 41.99 | |
| Extd. Subs. | | .. | 23.97 | 12.81 | 53.37% | 11.16 | 46.63 | |
| City | | 1981-82 | 71.49 | 50.86 | 71.14% | 20.63 | 28.86 | |
| Subs. & Extd. Subs. | | .. | 81.60 | 47.75 | 58.52% | 33.85 | 41.48 | |
| City | | 1982-83 | 75.40 | 51.28 | 68.01%* | 24.12 | 31.99 | |
| Subs. & Extd. Subs. | | .. | 93.77 | 57.80 | 61.64% | 35.97 | 38.36 | |
| * percentage lowered on account of textile strike. | | | | | | | | |
| City | .. Wheel Tax | 1980-81 | 4.91 | 1.28 | 26.06% | 3.63 | 73.93 | |
| Subs. | | .. | 2.43 | 0.38 | 15.63% | 2.05 | 84.37 | |
| Extd. Subs. | | .. | 0.58 | 0.12 | 20.69% | 0.46 | 79.31 | |
| City | | 1981-82 | 5.60 | 1.34 | 23.92% | 4.26 | 76.08 | |
| Subs. & Extd. Subs. | | .. | 3.54 | 0.53 | 15.00% | 3.01 | 85.00 | |
| City | | 1982-83 | 6.35 | 1.38 | 21.73% | 4.97 | 78.27 | |
| Subs. & Extd. Subs. | | .. | 4.01 | 0.59 | 14.71% | 3.42 | 85.29 | |
| | | | | City | Subs. & Extd. Subs. | Total | | |
| | | | | Rs. | Rs. | Rs. | | |
| Miscellaneous Receipts 1982-83 (Amounts in Lacs) | | | | | | | | |
| (1) Notice Fee. | | | | .. | 1.60 | 4.10 | 5.70 | |
| (2) Warrant Cost. | | | | .. | 1.05 | 2.17 | 3.22 | |
| (3) Penalty. | | | | .. | 7.25 | 12.23 | 19.48 | |
| Amount of General Tax (Rs. in Crores) | | | | .. | 1981-82 | 1.71 | 1.09 | 2.80 |
| Exempted | | | | .. | 1982-83 | 1.73 | 1.40 | 3.13 |

APPENDIX No. 5.

Statement showing Total Demand, Collection and Outstandings of Municipal taxes during 1982-83.

(1) Municipal Property Taxes including Water Benefit Tax, Sewerage Benefit Tax but excluding Water Charges and Sewerage Charges.

(Amount in Crores)

| Period | Out standings as on 1-4-1982 | Amount of bills issued during the year | Gross Demand | amount of bills recalled during the year 1982-83. | Net Demand. | Less : Unsettled demand. | Effective demand. | Collection during the year 1982-83. | Out-standings as on 31-3-1983 | Percentage of collection to effective demand. |
|--------------------------------------|------------------------------|--|--------------|---|-------------|--------------------------|-------------------|-------------------------------------|-------------------------------|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| DIV.—I—CITY. | | | | | | | | | | |
| Upto and | | | | | | | | | | |
| 1980-81 | 8.55 | 0.77 | 9.32 | 0.87 | 8.45 | .. | .. | 1.51 | 6.94 | |
| 1981-82 | 5.33 | 0.84 | 6.17 | 1.09 | 5.08 | .. | .. | 2.69 | 2.39 | |
| 1982-83 | .. | 39.43 | 39.43 | 3.48 | 35.95 | .. | .. | 28.78 | 7.17 | |
| Total | 13.88 | 41.04 | 54.92 | 5.44 | 49.48 | 15.02 | 34.46 | 32.98 | 16.50 | 95.70% |
| Div.-II-Subs. and Extd. Subs. | | | | | | | | | | |
| Upto and 1980-81 | 18.74 | 0.94 | 19.68 | 1.04 | 18.64 | .. | .. | 3.18 | 15.46 | |
| 1981-82 | 7.59 | 2.71 | 10.30 | 2.04 | 8.26 | .. | .. | 3.97 | 4.29 | |
| 1982-83 | .. | 38.00 | 38.00 | 3.94 | 34.06 | .. | .. | 26.42 | 7.64 | |
| Total | 26.33 | 41.65 | 67.98 | 7.02 | 60.96 | 12.57 | 48.39 | 33.57 | 27.39 | 69.39% |

(2) Water Charges by Meter Measurement including Sewerage Charges (Amount shown in lacs).

| Period | Outstandings as on 1-4-1981 | Amount of bills issued during the year | Gross Demand | amount of bills recalled during the year 1982-83. | Net Demand. | Less : Unsettled demand. | Effective demand. | Collection during the year 1982-83. | Outstandings as on 31-3-1983 | Percentage of collection to effective demand. |
|--------------------------------------|-----------------------------|--|--------------|---|-------------|--------------------------|-------------------|-------------------------------------|------------------------------|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Div.-I-City. | | | | | | | | | | |
| Upto and 1980-81 | 305.04 | 45.22 | 350.26 | 45.24 | 305.02 | .. | .. | 57.74 | 247.28 | |
| 1981-82 | 322.90 | 44.75 | 367.65 | 101.50 | 266.15 | .. | .. | 122.13 | 144.02 | |
| 1982-83 | .. | 2,514.84 | 25,14.84 | 494.38 | 2,020.46 | .. | .. | 1,649.42 | 371.04 | |
| Total | 627.94 | 2,604.81 | 3,232.75 | 641.12 | 2,591.63 | .. | 2,591.63 | 1,829.29 | 762.34 | 70.56% |
| Div.-II-Subs. and Extd. Subs. | | | | | | | | | | |
| Upto and 1980-81 | 384.30 | 68.91 | 453.21 | 61.77 | 391.44 | .. | .. | 92.45 | 298.99 | |
| 1981-82 | 349.79 | 95.11 | 444.90 | 66.84 | 378.06 | .. | .. | 259.07 | 118.99 | |
| 1982-83 | .. | 3,031.88 | 3,031.88 | 519.89 | 2,511.99 | .. | .. | 2,071.66 | 440.33 | |
| Total .. | 734.09 | 3,195.90 | 3,929.99 | 648.50 | 3,281.49 | .. | 3,281.49 | 2,423.18 | 858.31 | 73.82% |

(3) Sewerage Charges (Amount in Lacs)

| | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|----|----|--------|--------|----|
| Div.-I-City. | | | | | | | | | | |
| Upto and 1980-81 | 74.30 | 10.71 | 85.01 | 9.29 | 75.72 | .. | .. | 14.83 | 60.89 | .. |
| 1981-82 | 81.82 | 13.43 | 95.25 | 33.33 | 61.92 | .. | .. | 24.23 | 37.69 | .. |
| 1982-83 | .. | 655.86 | 655.86 | 148.25 | 507.61 | .. | .. | 423.18 | 84.43 | .. |
| Total .. | 156.12 | 680.00 | 836.12 | 190.87 | 645.25 | .. | .. | 462.24 | 183.01 | .. |
| Div.-II-Subs. and Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 132.52 | 4.51 | 137.03 | 29.76 | 107.27 | .. | .. | 29.96 | 77.91 | .. |
| 1981-82 | 45.23 | 10.23 | 55.46 | 7.16 | 48.30 | .. | .. | 28.82 | 19.48 | .. |
| 1982-83 | .. | 288.66 | 288.66 | 99.07 | 189.59 | .. | .. | 134.74 | 54.85 | .. |
| Total : | 177.75 | 303.40 | 481.15 | 135.99 | 345.16 | .. | .. | 192.92 | 152.24 | .. |

(4) Wheel Tax (Amount in Lacs).

| | | | | | | | | | | |
|------------------------------------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|
| Div.-I-City. | | | | | | | | | | |
| Upto and 1980-81 | 334.00 | 3.78 | 337.78 | 7.28 | 330.50 | .. | .. | 16.52 | 313.98 | .. |
| 1981-82 | 91.91 | 6.80 | 98.71 | 0.46 | 98.25 | .. | .. | 20.19 | 78.06 | .. |
| 1982-83 | .. | 206.54 | 206.54 | 0.07 | 206.47 | .. | .. | 101.64 | 104.83 | .. |
| Total .. | 425.91 | 217.12 | 643.03 | 7.81 | 635.22 | 317.22 | 318.00 | 138.35 | 496.87 | 43.47% |
| Div.-II-Subs. / Extd. Subs. | | | | | | | | | | |
| Upto and 1980-81 | 233.49 | 4.73 | 238.22 | 6.10 | 232.12 | .. | .. | 10.40 | 221.72 | .. |
| 1981-82 | 58.80 | 5.15 | 63.95 | 0.15 | 63.80 | .. | .. | 10.32 | 53.48 | .. |
| 1982-83 | .. | 105.29 | 105.29 | .. | 105.29 | .. | .. | 38.40 | 66.89 | .. |
| Total : | 292.29 | 115.17 | 407.46 | 6.25 | 401.21 | 206.26 | 194.95 | 59.12 | 342.09 | 30.40% |

(5) Water Tax (Amount in Lacs)

| | | | | | | | | | | |
|---|--------|--------|--------|-------|--------|----|----|--------|--------|----|
| Div.-I-City. | | | | | | | | | | |
| Upto and 1980-81 | 75.50 | 4.78 | 80.28 | 7.78 | 72.50 | .. | .. | 9.71 | 62.79 | .. |
| 1981-82 | 56.98 | 5.28 | 62.26 | 8.69 | 53.57 | .. | .. | 27.33 | 26.24 | .. |
| 1982-83 | .. | 268.99 | 268.99 | 29.32 | 239.67 | .. | .. | 174.70 | 64.97 | .. |
| Total : | 132.48 | 279.05 | 411.53 | 45.79 | 365.74 | .. | .. | 211.74 | 154.00 | .. |
| Div.-II-Subs. and Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 47.37 | 1.11 | 48.48 | 0.31 | 48.17 | .. | .. | 0.57 | 47.60 | .. |
| 1981-82 | 12.74 | 0.42 | 13.16 | 0.37 | 12.79 | .. | .. | 0.37 | 12.42 | .. |
| 1982-83 | .. | 37.13 | 37.13 | 1.10 | 36.03 | .. | .. | 25.98 | 10.05 | .. |
| Total .. | 60.11 | 38.66 | 98.77 | 1.78 | 96.99 | .. | .. | 26.92 | 70.07 | .. |

(6) Water Benefit Tax (Amount in Lacs).

| Period | Out standings as on 1-4-1982 | Amount of bills issued during the year | Gross Demand | amount of bills recalled during the year 1982-83. | Net Demand. | Less : Unset- tled demand. | Effect- ive demand. | Collection during the year 1982-83. | Out- standings as on 31-3-1983 | Percentage of collection to effective demand. |
|---|---------------------------------------|--|-----------------|--|----------------|-------------------------------------|---------------------------|--|---|--|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Div.-I-City. | | | | | | | | | | |
| Upto and 1980-81 | 96.10 | 6.93 | 103.03 | 10.30 | 92.73 | .. | .. | 14.56 | 78.17 | .. |
| 1981-82 | 59.57 | 9.48 | 69.05 | 12.30 | 56.75 | .. | .. | 24.68 | 32.07 | .. |
| 1982-83 | .. | 482.98 | 482.98 | 42.04 | 440.94 | .. | .. | 345.59 | 93.35 | .. |
| Total .. | 155.67 | 499.39 | 655.06 | 64.64 | 590.42 | .. | .. | 384.83 | 205.59 | .. |
| Div.-II-Subs. and Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 317.44 | 14.82 | 332.26 | 12.94 | 319.32 | .. | .. | 44.25 | 275.07 | .. |
| 1981-82 | 113.05 | 31.12 | 144.17 | 22.16 | 122.01 | .. | .. | 54.27 | 67.74 | .. |
| 1982-83 | .. | 449.71 | 449.71 | 45.55 | 404.16 | .. | .. | 299.27 | 104.89 | .. |
| Total .. | 430.49 | 495.65 | 926.14 | 80.65 | 845.49 | .. | .. | 397.79 | 447.70 | .. |

(7) Sewerage Tax
(Amount in Lacs)

| | | | | | | | | | | |
|---|--------|--------|--------|-------|--------|----|----|--------|--------|----|
| Div.-I—City | | | | | | | | | | |
| Upto and 1980-81. | 111.19 | 15.78 | 126.97 | 12.64 | 114.33 | .. | .. | 30.00 | 84.33 | .. |
| 1981-82 | 51.33 | 8.86 | 60.19 | 8.96 | 51.23 | .. | .. | 24.18 | 27.05 | .. |
| 1982-83 | .. | 206.20 | 206.20 | 19.73 | 186.47 | .. | .. | 125.20 | 61.27 | .. |
| Total .. | 162.52 | 230.84 | 393.36 | 41.33 | 352.03 | .. | .. | 179.38 | 172.65 | .. |
| Div.-II—Subs. & Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 244.80 | 5.59 | 250.39 | 6.40 | 243.99 | .. | .. | 23.53 | 220.46 | .. |
| 1981-82 | 75.83 | 21.85 | 97.68 | 19.09 | 78.59 | .. | .. | 30.55 | 48.04 | .. |
| 1982-83 | .. | 291.40 | 291.40 | 34.76 | 256.64 | .. | .. | 186.30 | 70.34 | .. |
| Total .. | 320.63 | 318.84 | 639.47 | 60.25 | 579.22 | .. | .. | 240.38 | 338.94 | .. |

(8) Sewerage Benefit Tax
(Amount in Lacs)

| | | | | | | | | | | |
|---|--------|--------|--------|-------|--------|----|----|--------|--------|----|
| Div.-I—City | | | | | | | | | | |
| Upto and 1980-81 | 67.02 | 4.33 | 71.35 | 6.28 | 65.07 | .. | .. | 8.12 | 56.95 | .. |
| 1981-82 | 41.38 | 6.17 | 47.55 | 7.85 | 39.70 | .. | .. | 16.88 | 22.82 | .. |
| 1982-83 | .. | 291.54 | 291.54 | 27.27 | 264.27 | .. | .. | 207.94 | 56.33 | .. |
| Total .. | 108.40 | 302.04 | 410.44 | 41.40 | 369.04 | .. | .. | 232.94 | 136.10 | .. |
| Div.-II—Subs. & Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 193.40 | 8.63 | 202.03 | 8.28 | 193.75 | .. | .. | 29.55 | 164.20 | .. |
| 1981-82 | 67.03 | 19.63 | 86.66 | 23.48 | 63.18 | .. | .. | 29.70 | 33.48 | .. |
| 1982-83 | .. | 274.83 | 274.83 | 29.05 | 245.78 | .. | .. | 184.71 | 61.07 | .. |
| Total .. | 260.43 | 303.09 | 563.52 | 60.81 | 502.71 | .. | .. | 243.96 | 258.75 | .. |

APPENDIX No. 6

Statement showing Total Demand, Collection and outstandings of Government Taxes and Cess during 1982-83

(1) State Education Cess

(Amount in Lacs)

| Period | Out-standings as on 1-4-82 | Amount of bills issued during the year. | Gross demand. | Amount of bills recalled during the year | Net Demand | Less : unsettled demand. | Effective demand. | Collection during the year 1982-83 | Out-standings as on 31-3-83 | Percentage of collection to effective demand. |
|--|----------------------------|---|---------------|--|------------|--------------------------|-------------------|------------------------------------|-----------------------------|---|
| Div.-I—City. | | | | | | | | | | |
| Upto and 1980-81 | 195.09 | 18.61 | 213.70 | 24.16 | 189.54 | .. | .. | 32.51 | 157.03 | .. |
| 1981-82 | 118.36 | 21.21 | 139.57 | 29.30 | 110.27 | .. | .. | 54.27 | 56.00 | .. |
| 1982-83 | .. | 843.86 | 843.86 | 82.30 | 761.56 | .. | .. | 600.54 | 161.02 | .. |
| Total .. | 313.45 | 883.68 | 1197.13 | 135.76 | 1,061.37 | .. | .. | 687.32 | 374.05 | .. |
| Div.-II—Subs. & Extd. Subs. | | | | | | | | | | |
| Upto and 1980-81 | 507.05 | 13.39 | 520.44 | 15.87 | 504.57 | .. | .. | 75.72 | 428.85 | .. |
| 1981-82 | 175.20 | 53.13 | 228.33 | 49.82 | 178.51 | .. | .. | 101.09 | 77.42 | .. |
| 1982-83 | .. | 691.34 | 691.34 | 88.36 | 602.98 | .. | .. | 463.14 | 139.84 | .. |
| Total .. | 682.25 | 757.86 | 1,440.11 | 154.05 | 1,286.06 | .. | .. | 639.95 | 646.11 | .. |

(2) Urban Immovable Property Tax

(Amount in Lacs)

| | | | | | | | | | | |
|---|------|----|------|----|------|----|----|------|------|----|
| Div.-I—City | | | | | | | | | | |
| Upto and 1962-63 | 0.43 | .. | 0.43 | .. | 0.43 | .. | .. | 0.06 | 0.37 | .. |
| Div.-II—Subs. & Extended Subs. | | | | | | | | | | |
| Upto and 1962-63 | 2.64 | .. | 2.64 | .. | 2.64 | .. | .. | 0.02 | 2.62 | .. |

(3) Statement showing demands collection and outstandings of Employment Guarantee Cess during 1982-83.

(Figures in Lacs)

| | | | | | | | | | | |
|---|--------|--------|--------|-------|--------|----|----|--------|--------|----|
| Div.-I—City | | | | | | | | | | |
| Upto and 1980-81 | 24.81 | 31.26 | 56.07 | 4.10 | 51.97 | .. | .. | 5.98 | 45.99 | .. |
| 1981-82 | 24.49 | 5.28 | 29.77 | 7.39 | 22.38 | .. | .. | 12.71 | 9.67 | .. |
| 1982-83 | .. | 167.29 | 167.29 | 19.79 | 147.50 | .. | .. | 110.87 | 36.63 | .. |
| Total .. | 49.30 | 203.83 | 253.13 | 31.28 | 221.85 | .. | .. | 129.56 | 92.29 | .. |
| Div.-II—Subs. & Extended Subs. | | | | | | | | | | |
| Upto and 1980-81 | 68.59 | 2.27 | 70.86 | 2.26 | 68.60 | .. | .. | 6.99 | 61.61 | .. |
| 1981-82 | 33.35 | 8.79 | 42.14 | 6.67 | 35.47 | .. | .. | 11.20 | 24.27 | .. |
| 1982-83 | .. | 96.03 | 96.03 | 14.78 | 81.25 | .. | .. | 52.39 | 28.86 | .. |
| Total .. | 101.94 | 107.09 | 209.03 | 23.71 | 185.32 | .. | .. | 70.58 | 114.74 | .. |

(4) The Additional State Education Cess

(Amount in Lacs)

| | | | | | | | | | | |
|---|------|------|------|------|------|----|----|------|------|----|
| Div.-I—City | | | | | | | | | | |
| Upto and 1973-74 | 0.96 | .. | 0.96 | 0.02 | 0.94 | .. | .. | 0.06 | 0.88 | .. |
| Div.-II—Subs. & Extended Subs. | | | | | | | | | | |
| Upto and 1973-74 | 7.59 | 0.01 | 7.60 | .. | 7.60 | .. | .. | 0.24 | 7.36 | .. |

(5) Total Demand, Collection and Outstandings of Repairs and Reconstruction Cess during the year 1982-83 for the City Wards

(Figures in Lacs)

| | | | | | | | | | | |
|---------------------------------|--------|--------|----------|-------|----------|----|----------|--------|--------|----|
| Past and Previous Years. | | | | | | | | | | |
| Category 'A' | 726.32 | 69.92 | 796.24 | 41.80 | 754.44 | .. | 754.44 | 224.83 | 529.61 | .. |
| 'B' | 76.84 | 6.09 | 82.93 | 1.59 | 81.34 | .. | 81.34 | 18.16 | 63.18 | .. |
| 'C' | 121.37 | 2.60 | 123.97 | 2.09 | 121.88 | .. | 121.88 | 28.74 | 93.14 | .. |
| Total .. | 924.53 | 78.61 | 1,003.14 | 45.48 | 957.66 | .. | 957.66 | 271.73 | 685.93 | .. |
| Current Year 1982-83 | | | | | | | | | | |
| 'A' .. | .. | 559.04 | 559.04 | 37.30 | 521.74 | .. | 521.74 | 288.67 | 233.07 | .. |
| 'B' | .. | 44.65 | 44.65 | 1.91 | 42.74 | .. | 42.74 | 24.81 | 17.93 | .. |
| 'C' | .. | 73.35 | 73.35 | 3.80 | 69.55 | .. | 69.55 | 40.96 | 28.59 | .. |
| Total .. | .. | 677.04 | 677.04 | 43.01 | 634.03 | .. | 634.03 | 354.44 | 279.59 | .. |
| Grand Total .. | 924.53 | 755.65 | 1,680.18 | 88.49 | 1,591.69 | .. | 1,591.69 | 626.17 | 965.52 | .. |

APPENDIX No. 7

(Bills issued during the year 1982-83)

| | City | | Subs. and Extd. Subs. | | Grand Total | |
|---|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| | Past and Previous Years | Current Year | Past and Previous Years | Current Year | Past and Previous Years | Current Year |
| | No. of Bills | No. of Bills | No. of Bills | No. of Bills | No. of Bills | No. of Bills |
| (1) Property Taxes | 10,286 | 1,15,993 | 9,668 | 3,01,638 | 19,954 | 4,17,631 |
| (2) Water charges by Meter Measurement including Meter Hire | 3,431 | 72,402 | 16,386 | 2,05,938 | 19,817 | 2,78,340 |
| (3) Wheel Tax | 15,217 | 1,49,670 | 13,951 | 93,278 | 29,168 | 2,42,948 |

APPENDIX No. 8

(A) Break up of arrears of settled and effective demand of Municipal property taxes including Water Charges, Sewerage Charges, Water Benefit Tax, Sewerage Benefit Tax, Wheel Tax but exclusive of State Education Cess and Additional State Education and Employment Guarantee Cess as on 31st March 1983

(Rs. in Lacs)

| | City | Suburbs and Extended Subs. | Total |
|---|----------------|----------------------------|-----------------|
| | Rs. | Rs. | Rs. |
| (1) Government and Dy. Custodian of Evacuee properties | 379.17 | 1.34 | 380.51 |
| (2) Bombay Port Trust | 30.77 | 7.20 | 37.97 |
| (3) B.M.C. Impts. and other Municipal Departments | 44.99 | 22.27 | 67.26 |
| (4) Properties under attachment | 158.58 | 191.49 | 350.07 |
| (5) Amounts involved in respect of unauthorised structures and hutments | 20.88 | 876.22 | 897.10 |
| (6) Amounts due from BEST Undertaking | 3.21 | 3.14 | 6.35 |
| (7) Instalments allowed | 41.96 | 29.87 | 71.83 |
| (8) Monthly tenancy structures | 12.23 | 21.97 | 34.20 |
| (9) Amounts held in deposit | 12.44 | 49.01 | 61.45 |
| (10) Other ratepayers : | | | |
| (a) Property taxes | 205.91 | 1,148.51 | 1,354.42 |
| (b) Wheel Tax | 179.65 | 125.11 | 304.76 |
| Total | 1089.79 | 2,476.13 | 3,565.92 |

- Re : (1) Payment was not received from Government Department before 31st March 1983. The Dy. Custodian of Evacuee properties pays as and when Fund permits.
(2) The payment was not received before 31st March 1983.
(3) The amounts await adjustments.
(4) Properties have been attached and steps have since been taken to expedite the sale of properties attached.
(5) Since the numbering of hutments, recovery has received, further setback and the arrears mounted up. The position may improve only when the question is finally settled and compensation recovered from hutment dwellers is made available.
(6) The matter is under correspondence.
(7) The recovery would be effected in due course.
(8) There are various difficulties for effecting recovery of taxes in respect of monthly tenancy structures.
(9) Amount awaits adjustments.
(10) The recovery is in progress.

(B) Break up of unsettled and provisional demand of Municipal Property Taxes including Water Charges, Sewerage Charges, Water Benefit Tax, Sewerage Benefit Tax, Wheel Tax but exclusive of State Education Cess and Additional State Education Cess and E. G. Cess as on 31-3-1983

(Rupees in lacs)

| | City | Suburbs and Extd. Suburbs | Total |
|---|----------------|---------------------------|----------------|
| | Rs. | Rs. | Rs. |
| (1) Railways | 37.94 | 13.15 | 51.09 |
| (2) Court Receiver, Official Assignee etc. | 90.97 | 44.51 | 135.48 |
| (3) Suits Filed, Injunctions, appeals and Writ Petitions against Rateable Value | 295.60 | 157.22 | 452.82 |
| (4) Complaints against Rateable Value | 424.70 | 354.51 | 779.21 |
| (5) Disputed Property Taxes | 186.86 | 472.01 | 658.87 |
| (6) Disputes regarding Wheel Tax | 317.22 | 206.26 | 523.48 |
| (7) Bills issued at the fag end of the year | 466.13 | 215.05 | 681.18 |
| (8) Arrears of taxes carried forward from the records of the defunct Local bodies | ... | 0.56 | 0.56 |
| Total | 1819.42 | 1463.27 | 3282.69 |

- Re : (1) The Railways have made on account payment of Rs. 8.95 lacs, during 1982-83. The question of Assessment of Railway properties for the quinquennium 1-4-1959 to 31-3-1964 and for the subsequent quinquennium is still pending and is being pursued with the Railway authorities.
(2) The payments are made when funds are available.
(3) The matter is pending before the Court and recovery would be effected as and when appeals and Writ Petitions before the Court are disposed of.
(4) Complaints are pending and the payments can be demanded after disposal of complaints against R. V.
(5) The matter is under correspondence.
(6) The matter is under correspondence.
(7) The recovery is in progress.
(8) Most of the properties no longer exist nor the owners are traceable.

APPENDIX No. 9

(A) Cinema Theatres and Tax

| | Class-I | Class-II | Total | 1981-82 | 1982-83 |
|-------------------------------|---------|----------|-------|------------------|------------------|
| City | 67 | 1 | 68 | Rs. 18,41,631.00 | Rs. 17,45,172.00 |
| Subs. and Extd. Subs. | 62 | .. | 62 | 16,96,204.00 | 15,90,726.00 |
| Total | 129 | 1 | 130 | 35,37,835.00 | 33,35,898.00 |

(B) Vehicles and Animals taxed under Public Conveyance Act

| | | | | |
|--|----|----|----|--------|
| (a) Hack Victorias (2 Horses each) | .. | .. | .. | 180 |
| (b) Labour Carts (With pair of Bullocks) | .. | .. | .. | 320 |
| (c) Hand Carts | .. | .. | .. | 12,175 |
| Total | .. | .. | .. | 12,675 |

Vehicles and Animals taxed during the year 1982-83

| Vehicles or Animals taxed in the year | No. | Vehicles or Animals taxed in the year | No. |
|---------------------------------------|----------|---|----------|
| (1) Motor Cycle Solo | 77,204 | (11) Taxis | 28,437 |
| (2) Motor Cycle with side car | 6,415 | (12) Passenger buses | 1,533 |
| (3) Trade Certificates | 36 | (13) Ambulance | 120 |
| (4) Motor Lorries | 22,287 | (14) Others | .. |
| (5) Delivery Van | 10,824 | (15) Four Wheeled vehicles drawn by animals | 0 |
| (6) Tractor | 488 | (16) Two Wheeled vehicles drawn by animals | 254 |
| (7) Tanker | 585 | (17) Hand Carts | 12,722 |
| (8) Cranes | 444 | (18) Horses | 190 |
| (9) Motor Tractor | 258 | (19) Ponies | 2,033 |
| (10) Motor Cars | 1,27,035 | (20) Bullocks | 685 |
| | | Total | 2,91,866 |

APPENDIX No. 10

Classification of properties according to Rateable Value

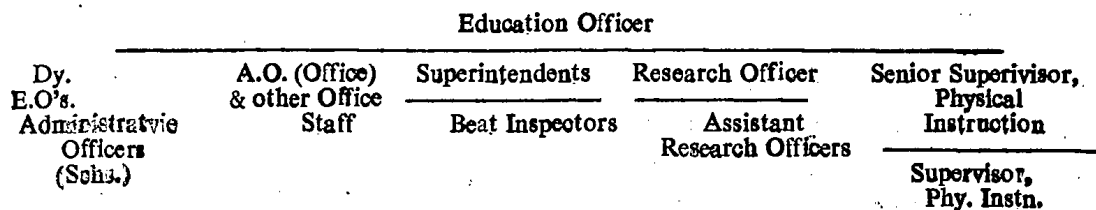
| Rateable Value | No. of Properties | |
|---|-------------------|-------------------------|
| | City | Subs. and Extd. Suburbs |
| Below Rs. 200 | 8,389 | 30,375 |
| Between Rs. 201 and Rs. 300 | 2,728 | 17,409 |
| Below Rs. 301 and Rs. 400 | 3,038 | 13,320 |
| Between Rs. 401 and Rs. 500 | 2,739 | 10,518 |
| Between Rs. 501 and Rs. 750 | 4,033 | 12,386 |
| Between Rs. 751 and Rs. 1,000 | 3,640 | 10,297 |
| Between Rs. 1,001 and Rs. 1,500 | 4,148 | 11,319 |
| Between Rs. 1,501 and Rs. 2,000 | 4,021 | 9,968 |
| Between Rs. 2,001 and Rs. 5,000 | 10,080 | 12,545 |
| Between Rs. 5,001 and Rs. 10,000 | 7,275 | 10,565 |
| Between Rs. 10,001 and Rs. 20,000 | 4,760 | 8,101 |
| Between Rs. 20,001 and Rs. 30,000 | 1,897 | 4,133 |
| Between Rs. 30,001 and Rs. 40,000 | 1,083 | 2,496 |
| Between Rs. 40,001 and Rs. 50,000 | 685 | 1,886 |
| Between Rs. 50,001 and Rs. 1,00,000 | 847 | 1,454 |
| Between Rs. 1,00,001 and Rs. 1,50,000 | 614 | 758 |
| Between Rs. 1,50,001 and Rs. 2,00,000 | 469 | 220 |
| Between Rs. 2,00,001 and Rs. 2,50,000 | 186 | 117 |
| Between Rs. 2,50,001 and Rs. 3,00,000 | 308 | 62 |
| Between Rs. 3,00,001 and above | 389 | 100 |
| Total | 61,329 | 1,57,969 |

EDUCATION DEPARTMENT

It is the obligatory duty of the Municipal Corporation of Greater Bombay, as per the Act, to provide of Primary Education to the children of school-going-age of 6-11 and this responsibility is carried out by the Education Department of the Corporation right from 1907.

In addition to Primary Education, just to give helping hand to the Government, the Corporation also undertook to run Secondary School since 1965.

The entire supervision and administration of the Department was carried out by the Education Officer, Smt. K.N. Kamat, M.A.M.Ed. as the Head of the Department, with the assistance of Officers on academic side as well as the administrative staff. Below is given the Organisational Chart of the Department :



The following table gives a bird's eye view of the no. of Schools with Students and teachers language wise which are being run by the Municipal Corporation of Greater Bombay.

As on 31st March 1983.

No. of Municipal Primary Schools and Teachers.

| Language | City | | | | Suburbs | | | | Ext. Suburbs | | | |
|--------------------|------------|-----------|-----------------|--------------|------------|-----------|-----------------|--------------|--------------|-----------|-----------------|--------------|
| | Schools | Classes | Pupils | Teachers | Schools | Classes | Pupils | Teachers | Schools | Classes | Pupils | Teachers |
| Marath .. | 262 | .. | 1,44,966 | 39,52 | 192 | 1 | 1,56,903 | 3,822 | 118 | 2 | 88,325 | 2,157 |
| Tamil .. | 12 | 3 | 5,812 | 148 | 13 | 1 | 4,642 | 102 | 11 | 1 | 3,815 | 94 |
| Telugu .. | 18 | 2 | 7,526 | 204 | 11 | 3 | 2,507 | 61 | 8 | 4 | 2,641 | 52 |
| Kannada .. | 13 | 6 | 3,508 | 99 | 20 | 3 | 5,796 | 179 | 9 | 2 | 3,709 | 113 |
| Malayalam .. | .. | .. | .. | .. | 2 | .. | 42 | 5 | .. | 1 | 11 | 2 |
| Gujarati .. | 66 | 5 | 15,254 | 452 | 54 | 2 | 18,944 | 535 | 45 | 4 | 21,990 | 635 |
| Hindi .. | 54 | 2 | 23,708 | 555 | 72 | 1 | 41,798 | 1,007 | 40 | 2 | 26,471 | 603 |
| English Primary .. | 19 | 1 | 6,872 | 178 | 12 | .. | 6,521 | 109 | 6 | .. | 2,527 | 61 |
| Urdu .. | 104 | 5 | 42,674 | 1,005 | 80 | 3 | 52,599 | 1307 | 23 | 1 | 11,986 | 333 |
| Sindhi .. | 1 | .. | 19 | 3 | 2 | .. | 243 | 18 | 2 | 1 | 119 | 8 |
| Total .. | 549 | 24 | 2,50,339 | 6,596 | 458 | 14 | 2,89,995 | 7,145 | 262 | 18 | 1,61,544 | 4,058 |

Municipal Recgd and Aided Schools

| Language | City | | | | Suburbs | | | | Extd. Suburbs | | | |
|-----------------|------------|---------------|------------|---------------|------------|---------------|------------|---------------|---------------|---------------|-----------|---------------|
| | Recg. | | Aided | | Recg. | | Aided | | Recg. | | Aided | |
| | Schools | Pupils | Schools | Pupils | Schools | Pupils | Schools | Pupils | Schools | Pupils | Schools | Pupils |
| Marathi .. | 26 | 11,357 | 33 | 11,105 | 23 | 4,118 | 48 | 18,714 | 7 | 2,040 | 24 | 7,301 |
| Gujarati .. | 27 | 8,760 | 28 | 6,276 | 19 | 3,794 | 20 | 10,110 | 17 | 4,709 | 23 | 12,401 |
| English .. | 136 | 46,109 | 31 | 11,985 | 144 | 68,997 | 34 | 16,997 | 62 | 20,125 | 7 | 8,458 |
| Urdu .. | 2 | 260 | 11 | 3,625 | 7 | 2,380 | 4 | 1,050 | .. | .. | .. | .. |
| Hindi .. | 1 | 105 | 11 | 3,675 | 4 | 1,062 | 12 | 3,991 | 4 | 785 | 8 | 2,470 |
| Tamil .. | 2 | 175 | 2 | 484 | .. | .. | .. | .. | 1 | 430 | .. | .. |
| Malayalam .. | 1 | 86 | 1 | 160 | .. | .. | .. | .. | 1 | 195 | .. | .. |
| Kannad .. | .. | 86 | 5 | 625 | .. | .. | .. | .. | .. | .. | 1 | 145 |
| Sindhi .. | .. | .. | .. | .. | .. | .. | 1 | 130 | .. | .. | .. | .. |
| Total .. | 195 | 66,938 | 122 | 37,935 | 197 | 80,351 | 119 | 50,992 | 92 | 28,284 | 63 | 30,775 |

SCHOOLS PREMISES

In order to meet the needs of Education of all the children, the Corporation has a planned programme of construction of school buildings. The position of the school premises is shown in the below given statement :

| | 31st March 1982 | | 31st March 1983 | |
|--------------------------------|------------------|---------------------------|------------------|---------------------------|
| | No. of premises. | No. of Schools meeting in | No. of premises. | No. of Schools meeting in |
| 1. Municipal owned | 301 | 926 | 304 | 914 |
| 2. Rented Buildings | 372 | 385 | 373 | 379 |
| 3. Rent Free Buildings | 23 | 22 | 22 | 32 |

The construction of additional class-rooms has helped in reducing the congestion in the class rooms.

TEACHERS

Every year, the Department has to recruit new teachers due to increase in the number of students as also for those who are superannuated.

Private Primary Schools :

In addition to our own Municipal Schools, the Department is controlling private primary schools by way of giving them recognition and grant. The No. of students in Private Primary Schools is also increasing.

Special Education :

In addition to the normal school children, the Corporation is conducting special education classes especially for mentally retarded children and 2 Centres for Deaf and Dumb are also conducted with the assistance of Nair Hospital and L.T.M.G. Hospital.

| | 31st March 1982 | 31st March 1983 |
|------------------------|-----------------|-----------------|
| No of Classes | 14 | 14 |
| No of Students | 449 | 585 |

In addition to the Primary Schools, the Department is conducting two Junior Colleges of Education for Urdu Teachers-one for males and one for females-at Mahim and Imamwada respectively.

Information regarding Junior Colleges of Education

| | No. of students | 1st Year D.Ed. | 2nd Year D.Ed. | Teaching Staff |
|---|-----------------|----------------|----------------|---|
| Municipal Urdu Teachers Junior College of Education, Mahim. | 80 | 40 | 40 | 1 Principal. 4 full-time Instructors. 1 part-time Instructor. 2 Special Teachers. |
| Junior College of Education Imamwada. | 152 | 76 | 76 | 1 Head Mistress. 10 full-time Instructors. 2 part-time Instructors for Physical Education. 2 Special Teachers for Sewing, Drawing and Music. |

Different activities of the Department organised through different sections

| Name of the Section | | Activity | No. of participants/beneficiaries (1982-83) |
|---|---|---|--|
| Physical Section. | Education | (i) Grand Rally at Shivaji Park .. | 10,000 |
| | | (ii) Games Competitions .. | 6,000 |
| | | (iii) Drill Competitions .. | 14,554 |
| | | (iv) Mass Drill Display .. | 12,000 |
| | | (v) Sports for mentally retarded .. | 225 |
| | | (vi) Annual Sports | 1,16,500 |
| | | Physical Training Institute .. | 300 teachers completed the training in 3 batches from June 1982 to March 1983. |
| | | R.S.P Unit | Old Units : 35 New Unit : 35 Pupils : 3,360 |
| | | A training camp was conducted. Training was given with the help of police personnel. | Instructors : 70 Pupils : 600 |
| | | Scout Guide Activities | Cub : 141 Masters : Cubs : 2,529 Scout : 119 Masters : Scouts : 2,503 Flock : 103 Leaders : Bulbuls : 1,919 Guide : 70 Captains : Guides : 1,579 Companies : 70 Flock : 103 Scout Troops : 119 Subpls : 141 Scout & Guide Rallies : 10,000 |
| | | Mansoon Hikes | 67 participants. |
| | | Revision Course for D.S.M., D.G.S. & Organisers. | 32 participants. |
| | | Patrol Leader Training Camp. .. | 1,571 Scouts. |
| | | Cub/Bulbul Excursion | 1,869 alongwith 356 Teachers. |
| | | Patrol Hikes | 1,000 children. |
| | Judges Training Camp | 125 participants. | |
| | Social Service Project | 1,150 children. 381 teachers. | |
| | Scout/Guide Festivals | 500 | |
| | Proficiency Badges workshop .. | 600 | |
| Balbhavan Centres (No. of Balbhavans : 47). | Programmes : | | |
| | | Organizing different games, handicrafts, drawing, painting, floksongs, dramatic elocution, etc. and other programmes at all centres after school hours. | 47 Centres. 2,000 participants. |
| Audio Visual Section | Film Shows : | | |
| | | No. of film Shows | 2,476 |
| | No. of students benefitted .. | 3,88,312 | |
| Teaching Training .. | Teaching Aid Centre for Inservice Teachers. | | 1 Centre. 300 teachers in 3 batches. |
| | Teaching Aid Centre at Gilder Tank prepared different teaching aids. | | 1 Centre. 2,300 teaching aids. |
| | Printing Section of Teaching Aid Centre printed 'Ankur' and 'Pallav' magazines and different invitation cards for all the activities of the Department for its programmes, etc. | | 6,000 copies in different languages. |

| Name of the Section | Activities | No. of participants/beneficiaries |
|---------------------------------------|--|-----------------------------------|
| Language Development Projects. | Teacher Training Programme : | |
| | (1) Teacher Training consisting of enrichment programmes in mother tongue teaching and intensive training courses in English, Hindi, Marathi as Second Language during Diwali and Summer Vacations. | 500 |
| | (2) Training of teachers of English at 3 Ward Centres. | 60 |
| | (3) A formerly workshop on the preparation of renovation material for teachers of English at school leveals conducted by Prof. Lesti Dieluison for Administrator U.K. | 20 |
| | (4) A Training Programme for non-Hindi Teachers teaching Hindi was conducted by Central institute of Hindi Agra in Bombay and Agra. | 30 |
| | (5) Workshop to analyse new Text Books in different languages. | 40 |
| | (6) A workshop for Officers of Urdu side on Urdu Scripts and writing. | 15 |
| | Production of Instructional materials. | |
| | Hand of book for teacher work book for teachers and book-let based on different aspect of Inaguage and language teaching, supplimentary reading material was prepared. Material for development of language skill of pupils of Standard-I was also prepared. | |
| | Research and Evaluation Activities : | |
| | Research project of Koli dilect was completed during the year. Remedial material was prepared for the pupils, based on Researched Project. New Text books of Std. III in 4 languages were analysed in respect of vacubulary contents and style. Language skill Tests were prepared and administered on pilot basis comparative studies were made Marathi-Telugu, Marathi-Kannad. 4 distinguished visitors, viz. Shri P. K. Thungan, Dy. Minister for Education, Government of India, Prof. Brann, Head of Languagists department, University of Maidaguru, Naigera and Dr. D.A. Pattanayak, Director Central Institute of Indian Languages, Mysore and Dr. B. G. Mishra from Central Institute of Hindi, Agra visited the project. | |
| | Research Unit. | |
| | Preparation of evaluation from for rating the behaviour of students of Std.-I visit to schools and discussion with teachers. | |
| | Critical analysis of 147 activities Evaluation book-let was prepared. | |

| Name of the Section | Activities | No. of participants/beneficiaries |
|------------------------------|---|--|
| | Project of Wastage and Stagnation : The work regarding the study of the phenomenon of wastage and stagnation in Municipal Primary Schools is conducted and necessary data is collected. Visits were paid to the home of fall out and parents were interviewed. | |
| Research Unit | Evaluation study of six-week programme The work regarding the evaluation of the six weeks programme was undertaken and the data is collected from about 1494 students of std. I. Discussion with the teachers of Std.-I was held critical analysis of 147 activities was done Evaluation booklet was printed. | |
| Music and Art Academy | Imparted training to the regular trainees of the In-service Training Course. Training classes for Music and Dance and Drama to ordinary and Music Teachers. Art Academy : Given training in Arts, Arts examinations of high Level and grades, Art Examination. Teachers Library : Total No. of Books—81,132. No. of Readers—10,914, Issuebenefits—33,743. | 300 Trs. About 530 students. 425 Teachers. |

**The School Social Service Project
and
Non-Formal Education Classes**

Activities :

School Social Service Centres at all the 15 I.Y.C. Centre Schools spread over 10 wards (EF/South, G/North, H/East, K/East, P/North, L,M,N. and S) continued rendering valuable service for the benefit of parents, pupils and schools. A total No of 22 fully-qualified Social Workers and 9 para-professional Workers were engaged in this work which was supervised by Administrative Officer (Schools) (Co-ordination). As in the previous year, i.e. 1980-81, the job of providing the Social Service and expert guidance was entrusted to Nirmala Niketan College of Social Work, Bombay 300 020, on contract basis.

The main features of this programme are as follows :

| Serial No. | Name of the Activity | Objective | Beneficiaries | | | Youth of the locality. |
|------------|-------------------------------|---|---------------|--------|------|------------------------|
| | | | Parents | Pupils | Trs. | |
| 1 | Study-Classes (94) | To provide space and guidance to the needy pupils to raise their education achievements. | .. | 4,000 | .. | .. |
| 2 | Non-Formal Education Classes. | To bring non-entrants and school drop-outs to the fold of education and provide them with needbased education with/without vocational bias. | .. | 460 | .. | .. |

| Serial No. | Name of the Activity | Objective | Beneficiaries | | | Youth of the locality. |
|------------|--|--|---------------|--|------|------------------------|
| | | | Parents | Pupils | Trs. | |
| 3 | Case-work— | | | | | |
| | (i) School dropouts. | To trace, contact and bring the dropouts back to schools. | .. | Referred 2,182 Contacted 701 Brought back to schools. 687 | .. | .. |
| | (ii) Problem cases. | To study the behaviour problems and other problems of pupils and to bring about improvement. | .. | Referred 517 Improvement shown. 350 | .. | .. |
| | (iii) Medico referral work. | To help the pupils to enjoy better health in collaboration with civic/private Doctors/Hospitals. | .. | 2,800 | .. | .. |
| 4 | Recreation Centres. | To provide healthy channel of entertainment and facility to learn skills in Arts and Sports. | .. | 650 | .. | .. |
| 5 | Nutrition Programme. | To help the acutely malnourished pupils enjoy better health, raise their standard of education achievement and to minimise the rate of school dropouts. | .. | 2,500 + 850 thorough sponsorship | .. | .. |
| 6 | Vocational Guidance. | To help pupils understand employment possibilities and requirements and thereby raise their interest/standard in schoolastic achievement. | .. | 600 | .. | .. |
| 7 | Day Camps, Sports/Trips for pupils and Fun-fairs for locality. | To establish better rapport between school and locality. To provide healthy channel of entertainment-cum-community living to pupils. To involve parents/Local Youths, Outside institutions in school activities. | 1,000 | 22,000 | 300 | 500 |
| 8 | Parents Meetings— | | | | | |
| | (i) With Trs. | To understand the problems of of par n's. | 2,000 | .. | 500 | .. |
| | (ii) Group meeting with Social Workers | To make them aware of their responsibilities towards their Wards and School. | | | | |
| | (iii) Parents Education Programme. | To educate them in Hygiene, Nutrition, Civic, etc. | 2,000 | .. | .. | .. |
| 9 | Youth Activities | To involve the Youth with school activities and to involve in o them a sense of belonging and desire to work responsibly. | .. | .. | .. | 475 |
| 10 | Family Assistance | To provide financial/social help to every acutely needy family through private sponsorship in cash or kind and thereby to restrict the rate of school dropouts. | 40 | .. | .. | .. |

School Health Service for the year 1982-83.

| | | |
|--------------------------|----------|--|
| Medical Inspection | 3,02,061 | children examined. |
| in | 1,83,955 | primary schools. |
| | 18,106 | children examined |
| in | 45 | secondary schools. |
| | 10,097 | case treated at Municipal General Dispensaries. |
| | 93,907 | cases (New and old) treated at school clinics. |
| | 7,230 | guardians were advised to take action regarding the treatment. |
| | 3,871 | children referred to OPD to Municipal General Hospitals for expert opinion |
| | 190 | tonsils operations performed at school clinics. |
| | 530 | children supplied with spectacles. |
| | 40 | children supplied with special aids such as calipers, hearing aid, etc. |
| | 727 | suspected cases of leprosy and |
| | 509 | of T.B. referred to the special clinics. |

Major defects noted.

| Major Defect | Percentage | Major Defect | Percentage |
|---------------------------------|------------|------------------------------|------------|
| Dental | 50.17 | Heart and Circulation | 0.26 |
| Throat | 12.25 | Lungs and Tuberculosis | 1.45 |
| Nose | 10.12 | Spleen | 0.08 |
| Eye (External Diseases) | 1.60 | Skin | 6.40 |
| Eye (Vision) | 1.21 | Deformity of Bones | 2.56 |
| Ear Diseases | 3.10 | General Desability | 25.64 |
| Enlarged lymphatic Glands | 27.56 | Other diseases | 5.95 |
| | | Deficiency of Vitamins | 12.54 |

Health Education was imparted to about 28,000 parents and teachers, 13,319 domiciliary visits and revisits were paid. Health parade, health ministry and health trophy competition were arranged in schools in different Wards with a view to inculcate health habits amongst the children.

Immunization work done

| | | |
|----------------------------------|-----------------|----------|
| (a) Diphtheria and Titanus | 1 st dose | 78,315 |
| | 2nd dose | 4,908 |
| (b) T.A.B. | | 3,03,071 |

Other Programmes and Activities

Teacher Training

| | | |
|--|-----|--------------------------|
| Senior Teachers for Dy. H. Ts. posts | 100 | Marathi Senior Teachers. |
| Ten-Weeks Sequential Programme for Teachers | 300 | Teachers participated. |
| One Week's pre-service training to the newly recruited teachers. | 500 | .. |
| Training through Correspondence | .. | .. |
| Administrative of Teachers recruitment Test | 500 | .. |

Drawing Competitions :

About 25,000 students participated.

Elementary and Intermediate Examinations :

| | | | | | |
|--------------------------------|----|----|----|----|-------|
| No. of students appeared | .. | .. | .. | .. | 3,714 |
| No. of students passed | .. | .. | .. | .. | 2,183 |

| Scholarship Examinations | No. of Students appeared | |
|--------------------------|-------------------------------------|---------------------------------------|
| | High School Scholarship Examination | Middle School Scholarship Examination |
| | 2,351 | 3,585 |

Out of the Total No. of 6,936 students, 15 from Primary and 1 from Secondary School obtained Government Scholarship, 123 students have obtained more than 60 percent marks in scholarship examination.

Participation of Officers of the Education Department in different Services and Workshops :

Alongwith the development of the Teachers, it is also seen that the Officers of the Department got exposed to new trends and programmes of education and, therefore, they are deputed for different Seminars, Workshops, Conferences, etc.

Education Officer, Smt. K.N. Kamat, was deputed to International Conference of World Education Fellowship held at Seoul, Korea. She also read a paper in this Conference. Further, she was deputed for the Special Attachment Programme at CEMEO—Regional Language Centre at Singapore.

Other Officers viz Supdts., Research Officer, Asstt. Research Officers also were deputed to participate in Seminars on Material Production, Value Oriented Education, Non-Formal Education at Hyderabad.

A special Workshop on Long Term Educational Planning in Metropolitan Cities was organised for the benefit of the Senior Officers of this Department in collaboration with NIEPA New Delhi. This Seminar was attended by the Education Officers of other Corporations in India (Delhi, Madras, Nagpur, Pune, etc.).

Seminars at Beat Level :

In the year 1982-83, it was not possible to organise Seminars in each of the Beats due to financial stringency. But these seminars were organised for groups of beats. As 5th of September to 14th of November was declared as a special period for universalization of education, all the Seminars were organised especially on this topic of universalization of education, where actually the participating schools were asked to take a quick survey of the non-attending children with the help of the students in their neighbouring locality. This helped the teachers to change the attitude towards education and the attendance of the students.

Balkotsav :

As usual during Balhotsav, Cultural Programmes, Dramatic Competitions, Folk dances were arranged. More than 10,000 students participated in these Programmes which were enjoyed by about 1,20,000 students and parents. The performance was very much appreciated.

Secondary School Section :

| | | | |
|-----------------------------|----|----|--------|
| No. of Schools | .. | .. | 51 |
| No. of Classes | .. | .. | 5,181 |
| No. of Students | .. | .. | 7,4331 |
| Total No. of teaching staff | .. | .. | 2,500 |

Different Activities ;

| | | | |
|--|----|-------|---------------------------|
| Study Camp for all the S.S.C. students | .. | 3,115 | participants. |
| Residential Study Camp for one Week at Nana Chowk. | | 100 | participants. (students). |

Results of S.S.C. of the Municipal Secondary Schools :

| Year | Total result i.e. No. of students passed. | Percentage of passing | No. of students securing more than 70 per cent of marks. |
|---------|---|-----------------------|--|
| 1980-81 | 2,825 | 39.59 | 157 |
| 1981-82 | 3,115 | 41.01 | 204 |
| 1982-83 | 3,879 | 47.80 | 236 |

One girl, Kumari Jagruti V. Chavan stood 1st in order of merit in the Secondary Examination in October 1982 from Barve Nagar Municipal Secondary School and one Kumar Santosh S. Parab secured 90.14 per cent. marks in S.S.C. Examination held in March 1983.

Municipal Award Winner Teachers for 1982-83.

| Serial No. | Name of the Teacher | Designation | Name of the School |
|------------|--|-----------------------|---|
| 1 | Smt. Arulmani S. Floura | Head Teacher s | Dharavi Cross Road, U. P. School, Tamil. |
| 2 | Shri Kamat Madhukar A. | Do. | Naigaon Municipal Secondary School. |
| 3 | Smt. Khan Ykhtari Begum Nijamuddin. | Do. | Barve Nagar No. 1, Municipal Urdu School. |
| 4 | Shri Gadgil Vishwanath V. | Do. | Dattapada U. P. Municipal Marathi School No. 1. |
| 5 | Shri Jagushte Manohar Laxman | Trd. Tr. | Vile Parle U. P. Municipal Marathi School No. 1. |
| 6 | Shri Joshi Vasudeo Cintaman | Drawing Tr. | I.B. Patela U. P. Municipal Marathi School No. 1. |
| 7 | Smt. Za Ushaben Bachubhai | Head teacher | Gulabhai Municipal U. P. School (Gujarati). |
| 8 | Smt. Tatipamula Laxmibai Chinappa, | Head Mistress | Kamathipura Telgu U.P. School. |
| 7 | Shri Tandel Shantaram Govind | Head Teacher | Goshala Marg U. P. Municipal Marathi School. |
| 10 | Smt. Dalal Saroj Bhaidas | Head Mistress | Taddeo U.P. Gujarati School. |
| 11 | Smt. Deshpande Shanta Vishnu | Head Mistress | Hasanabad U.P. Municipal Marathi School. |
| 12 | Smt. Nagaonkar Shantabai Salomen | Do. | Sardar Nagar U. P. Municipal School No. 1. |
| 13 | Smt. Narkar Prabhavati Shripad | Do. | Prabhadevi U.P. Municipal Marathi School No. 1. |
| 14 | Shri Pawar Arjun P. | Trd. Tr. | Pant Nagar U.P. Muni. Marathi School No. 1. |
| 16 | Shri Patil Ghanashyam K. | Physical Training Tr. | Mahim Muni. iSec. iSchool. |
| 16 | Shri Patil Baliram Giridhar. | Trd. Tr. | Barve Nagar U. P, Muni. Marathi School No. 5. |
| 17 | Smt. Padhye Mangala H. | Sangeet Shikshak. | Morerhwar Patanhar Marg U.P. Urdu School No. 2. |
| 16 | Smt. Palande Anagha Narayan | Head Mistress. | Dr. Radhakrishan Marg U. P. Muni. Marathi School No. 1. |
| 17 | Shri Bhavsar Eknath Totaram | Trd. Tr. | Bajaj Lane U. P. Muni. Marathi School. |
| 20 | Shri Bhoite Vishnu Dagadu | Dy. Hd. Tr. | Clerk Road U. P. Muni. Marathi School. |
| 21 | Shri Shukala Asharam Durgaprasad | Hd. Tr. | Sayani Road U.P. Hindi iSchool. |
| 22 | Shri Shaikh Mohd. Qasim | Dy. Hd. Tr. | Balaram Street U. P. Muni. Urdu School. |
| 23 | Shri Singh Ramchandra Amarsingh Bahadur. | Head Tr. | S.G. Barve Marg U.P. Hindi School. |
| 24 | Shri Sonavane Mohan Kisan | Trd. Tr. | Agripada U.P. Muni. Marathi School No. 1. |
| 25 | Shri Sayed Ali Hasan Sayed Majidhasan | Dy. Hd. Tr. | Nityanand Marg U. P. Muni. Urdu School. |

PUBLIC HEALTH

HIGH LIGHTS

Expenditure :

| | Rs. |
|--|-------------|
| (1) Maternity and Child Welfare Centres .. | 1,85,54,764 |
| (2) Pre-school and School Health Services .. | 1,10,84,544 |
| (3) Prevention and Control of Infectious Diseases, etc. .. | 3,66,06,541 |

Income :—

| | |
|---|-----------|
| Issue of licences, certificates of births, deaths etc. .. | 54,49,451 |
| Fines realised .. | .. |

Control of Food Adulteration :—

| | |
|--------------------------------|-------|
| Samples under P. F. A. Act. .. | 2,017 |
| Adulterated .. | 55 |
| Prosecutions .. | 55 |
| Fines realised .. | Nil |

Food Establishments :—

| | Eating Houses | Bakeries. |
|--------------|---------------|------------|
| Grade I .. | 281 | 3 |
| Grade II .. | 891 | 18 |
| Grade III .. | 4,638 | 430 |
| Total | 5,810 | 451 |

HYGIENE :

Maternity and Child Welfare Services :

| | Maternity Homes | Maternity Wards | Maternity & Child Welfare Centres |
|-----------------------------|-----------------|-----------------|-----------------------------------|
| | 25 | 9 | 39 |
| Deliveries conducted .. | .. | 66,101 | .. |
| Cases treated at Clinics .. | .. | .. | 6,19,368 |

Family Welfare Units

| | | | | | | |
|-----------------------------|----|----|----|------------------------------------|----|-----------|
| I. U. C. D. insertions .. | .. | .. | .. | .. | .. | 4,983 |
| Vasectomy Operations .. | .. | .. | .. | .. | .. | 13,651 |
| Tubectomy Operations .. | .. | .. | .. | .. | .. | 17,711 |
| Condoms distributed free .. | .. | .. | .. | .. | .. | 10,41,594 |
| Dispensaries 148 | | | | Mobile Dispensaries 9 (Mupl) | | |

Municipal Laboratory

| | Total samples received | Water samples | Samples found unfit for potable purposes |
|--|------------------------|---------------|--|
| | 46,498 | 33,653 | 3,669 |

Municipal Hospitals.

| | Indoor | Outdoor |
|---|----------|-----------|
| (1) Eye Hospital, Kamathipura— | | |
| (i) New Cases .. | 1,912 | 31,469 |
| (ii) Total attendance .. | 15,642 | 74,293 |
| (2) 11 Municipal General Hospitals under Executive Health Officer | | |
| (i) New Cases .. | 1,35,313 | 10,78,646 |
| (ii) Total Attendance .. | 8,60,313 | 33,85,792 |
| (3) Kasturba Hospital for Infectious Diseases | | |
| Total beds .. | 680 | .. |
| Admissions .. | 17,153 | .. |

Outside Activities.

New Dispensaries Opened ... 2

STATISTICS FOR THE YEAR 1982.

| | City | Suburbs | Extended Suburbs | Gr. Bombay | |
|---|-----------|-----------|---------------------|------------|--------|
| 1 | 2 | 3 | 4 | 5 | |
| (1) Area of Greater Bombay (Municipal Corporation) | 68.71 | 192.33 | 176.67 | 437.71 | |
| (2) Density of population per sq. kms. (1981 Census). | 47,810 | 15,982 | 10,666 | 18,833 | |
| (3) Population (Census 1981) | 32,85,040 | 30,73,981 | 18,84,384 | 82,43,405 | |
| (4) Live Births registered | 1981 | 81441 | 87603 | 51940 | 220984 |
| | 1982 | 74136 | 75448 | 51060 | 200644 |
| (5) Birth rate (on 1981 Census population) per 1000 population. | 1981 | 24.8 | 28.5 | 27.6 | 26.8 |
| | 1982 | 22.6 | 24.5 | 27.1 | 24.3 |
| (6) Birth rate as per mid year estimated | 1981 | 25.0 | 23.4 | 40.3 | 26.7 |
| | 1982 | 22.6 | 22.2 | 26.9 | 23.4 |
| (7) Quinquennium Average of birth From (1976 to 1980) | 1981 | 80238 | 75555 | 39836 | 195629 |
| (1977 to 1981) | 1982 | 80039 | 76716 | 42888 | 201643 |
| (8) Total Deaths. | 1981 | 34541 | 24039 | 12291 | 70871 |
| | 1982 | 33213 | 24087 | 12721 | 70021 |
| (9) Death rate per 1000 population (As per Census 1981) | 1981 | 10.5 | 7.8 | 6.5 | 8.6 |
| | 1982 | 10.1 | 7.8 | 6.8 | 8.5 |
| (10) Death rate per 1000 population (As per mid year estimated population). | 1981 | 10.5 | 6.4 | 9.5 | 8.6 |
| | 1982 | 10.1 | 7.1 | 6.7 | 8.2 |
| (11) Quinquennium Average. | 1981 | 34845 | 23177 | 9989 | 68012 |
| | 1982 | 34993 | 23661 | 10652 | 69306 |
| (12) Total deaths among infants (under 1 yr.) | 1981 | 5588 | 5126 | 2745 | 13449 |
| | 1982 | 5013 | 5197 | 2735 | 12945 |
| (13) Infants death rate per 1000 live births. | 1981 | 68.6 | 58.4 | 52.8 | 60.9 |
| | 1982 | 67.6 | 68.9 | 53.6 | 64.5 |
| (14) Quinquennium Average | 1981 | 6329 | 5427 | 2317 | 14074 |
| | 1982 | 6127 | 5386 | 2420 | 13934 |
| (15) Maternal deaths. | 1981 | 45 | 26 | 22 | 93 |
| | 1982 | 31 | 29 | 16 | 76 |
| (16) Maternal death rate per 1000 live births | 1981 | 0.6 | 0.3 | 0.4 | 0.4 |
| | 1982 | 0.4 | 0.4 | 0.3 | 0.4 |
| (17) Still Births. | 1981 | 2303 | 2766 | 1469 | 6538 |
| | 1982 | 1462 | 1693 | 1902 | 5057 |

FOOD SANITATION AND PREVENTION OF ADULTERATION OF FOOD

Food sanitation comprises of Control and Supervision over the Food Premises, where articles of food are manufactured, stored and kept for sale. This control is exercised by imposing a licence under the B. M. C. Act and the Maharashtra Prevention of Food Adulteration Rules, 1962. The Food Establishments are also controlled from the point of view of Prevention of Adulteration of food under the provisions of the Prevention of Food Adulteration Act, 1954, and the Rules there under. In order to improve the standard of food sanitation, eating houses and bakeries are classified as Grade-I, II and III depending upon the compliance with the conditions of the licence and other measures taken to maintain cleanliness and sanitation in the various trade operations and in the trade premises.

There is also system of medical examination of food handlers (cooks and cook-mates) in eating houses so as to prevent the spread of various diseases through articles of food.

Details of Food articles destroyed being unfit for human consumption are as under :-

| Solid articles of food including sweets. Kgs. | Liquid food Litres | Vegetables Kgs. | Fruits Doz. |
|---|--------------------|-----------------|-------------|
| 2,73,845 | 2,11,963 | 41,816 | 56,032 |

Registration of births and deaths :

Registration of Births and Deaths Act 1969, unified the system of registration throughout the country and made reporting and registration of births and deaths compulsory. This Act is implemented in the Greater Bombay from 1st January 1982 and has replaced the provisions of the Bombay Municipal Corporation Act. The Executive Health Officer is appointed as Registrar for Greater Bombay and all the Medical Officers of Health as Sub-Registrars for the respective areas for the purposes of registration of births and deaths.

According to the Act the information of live birth and still birth is required to be given in prescribed forms to the Registrar within seven days and that for the death within 3 days from its occurrence. The name of the newly born child can be registered free of charge within 12 months from the date of registration of births and thereafter on payment of prescribed late fee and compounding charges.

The information of death is required to be given to the Registrar within three days from the date of death. The medical practitioners and Heads of the Medical Institutions are required to issue medical certificates of cause of deaths in form No. 8. These forms are supplied by the medical officers of Health in the respective ward offices.

Vital Statistics :

The statistics regarding Birth and Birth rate, Death and Death rate, Infant mortality and infectious and communicable diseases etc., are shown in the table at page 3.

Rat Control Work : Integrated rat control with the employment of combinations of different measures was planned and executed. Total number of rats caught and destroyed was 6,38,204 (including 1,58,878 Rattus and 2,67,024 Gynoyes Kok- as against 6,64,843 in 1981. No rat was found plague infected.

Other anti-plague measures viz., flea destruction, especially through cynogassing of rat holes and cleansing of areas was carried out.

Cholera : There was no case of Cholera. Preventive measures such as anti-cholera inoculations, disinfection of well water, destruction of over ripe and rotten fruits, were continued as routine measures. 2,33,508 persons were inoculated against Cholera.

Tuberculosis : T. B. Control Unit continued its activities during the year. Majority of hidden cases have been brought on the register. During the year 28265 T. B. cases were notified and deaths numbered 8307. Services of Health Visitors have been integrated with the services of Treatment Organisers working under Assistant Health Officer (T. B.)

B. C. G. Vaccination : There are two units for B. C. G. Vaccination viz., 1) B. C. G. Technicians carry out vaccination and follow up of vaccinated school children and (2) the Municipal Mat. Homes Carryout Vaccination of neo-natal cases from private maternity institutions and children upto 14 years from the surrounding area.

T. B. Control Campaign : The Jaslok Hospital and Research Centre has organised the T. B. Control Campaign 1982 in Joint Collaboration with the Municipal Corporation of Gr. Bombay, E. S. I. Maharashtra State Anti T. B. Association, Bharatiya Arogya Nidhi etc., to commemorate the centenary of the discovery of Tubercle Bacillus by Robert Koch. The project envisages a massive and intensified campaign for control of pulmonary tuberculosis as well as operational research in the area. The Corporation has agreed to extend full assistance and Co-operation of personnel and physical facilities and to bear 50% of the cost of drugs, X-Ray films in addition to the usual provision for care of T. B. patients.

Sexually Transmitted Diseases (V. D.) :

At the Municipal Anti S. T. D. (V. D.) Clinic, S. T. D. cases are treated confidentially with the latest methods of treatment after proper clinical diagnosis, confirmed by modern laboratory test carried out at the clinic's laboratory. Male and Female patients are examined and treated in separate wings of the clinic maintaining absolute privacy and secrecy. In addition, a Medico-Social Department comprising of one Male Medico-social Worker and one female Medico-Social Worker and supplemented by Health Visitor (Auxiliary Nurse) render necessary medico-social services to the patients attending the clinic.

In addition, S. T. D. Reference Laboratory established in 1972 located at Kamathipura Maternity Home Premises, Chandramani Buddha Vihar Marg, Kamathipura, is working under the administrative control of Medical Officer, S. T. D. Clinic. This Reference Laboratory caters to the need of routine and specialised advance investigation of S. T. D. cases. Moreover routine blood samples of pregnant women, who are admitted in Municipal Maternity Homes, are investigated serologically for Syphilis.

Leprosy : Leprosy cases in Greater Bombay are treated at the out-patient clinics of the Acworth Leprosy Hospital and also at the 10 centres situated throughout Greater Bombay under the Greater Bombay Leprosy Scheme, which are also operated by the A. L. Hospital. It has also in patients section of 500 beds. Of the 500 beds, the Corporation bears the expenditure of about 275 permanent beds and 48 temporary beds. The Corporation also bears the entire cost of the out-patient clinic at Acworth Leprosy Hospital and 50% cost of the recurring as well as capital expenditure of the Greater Bombay Leprosy Control Scheme.

In addition, the Corporation have chalked out new scheme of "Detection and Control of the Leprosy cases in Greater Bombay". This scheme is fully financed by the Corporation.

The Mobile Health Unit : The Mobile Health Unit continued to perform its following stipulated objectives during the year.

(1) Comprehensive Health care to the Municipal School Children.

The Mobile Health Unit is working under the supervision of Assistant Health Officer (Epidemiologist) and undertaking Medical examination & immunization of School children and slums of Greater Bombay.

(2) **Control of communicable diseases :** 38236 immunization procedures against various communicable diseases were performed (Table 12).

(3) **Health Drives and Family Planning Exhibitions :**

In addition to the general health education performed and the mass immunization carried through its units, 298 health drives were carried out when 29405 persons were immunized against measles, T. A. B., T. A. B.C., T. T., D. T., including administration of polio vaccine and Vit. A orally. And 153444 patients days of treatment were dispensed.

VECTOR CONTROL

Potential breeding places such as wells, cisterns, over head tanks, mill-tanks, storm water entrances and drains were checked periodically for detection and destruction of mosquitoes. Necessary anti-mosquito treatments were rendered to these situations and occurrence of mosquito breeding was destroyed as an anti-malaria measure.

Mosquito Nuisance : For controlling mosquitoes causing nuisance by breeding in large numbers regular round of applications of insecticides were continued. Insecticidal fogging operations were also resorted to serve a dual purpose of anti-malaria and anti-mosquito operations.

Precautions against yellow fever : Campaign against *Aedes Aegypti* the vector for Yellow Fever and dengue diseases was continued throughout the year. *Aedes Aegypti* breeding was detected on 14 occasions and stegemiya index was 0.0006% for the year under reference.

House Fly Control : For abatement of fly nuisance and to check fly borne diseases regular anti-fly measures were continued through-out the year and were intensified during monsoon months.

Entomological Survey : Entomological Survey to assess and delimit the transmission of Filariasis by mosquitoes was continued during this year.

Malaria : Under the National Malaria Eradication Programme, Malaria Surveillance Scheme is divided into two parts (1) Active Surveillance; and (2) Passive Surveillance. The area occupied by the City proper is covered for Passive Surveillance, while that of the Suburbs is covered for both. In the city blood smears are collected from the patients suffering from fever and attending the Municipal Dispensaries, Municipal and Government Hospitals and other Charitable Institutions and from those treated by private Medical Practitioners wherever possible. In the Suburban areas house to house survey is carried out for fever cases and radical cure treatment is administered to those found positive for Malaria parasite.

In case of Indigenous cases, Mass-Survey is carried out and if necessary, Mass treatment is arranged to control transmission. Wherever construction work is going on Mass Survey of the construction Labourers are carried out (Most of the Labourers come to Bombay from different places).

Filaria Control Programme : A pilot project for detection of Filaria cases by collecting blood smear survey at night has been started in H. Ward. Under the project mass survey has been carried out at Khar Danda Village and Filaria night clinic has been established at Khar Danda dispensary.

CEMETERIES

There are in all 180 cemeteries in use in Greater Bombay. Out of which 27 including the electric crematorium at Chandanwadi and Sion, are Municipal managed.

Electric Crematorium

These are opened round the clock for cremation, of dead of all religions. The charges for cremation are Rs. 125/- per adult dead body and Rs. 60/- per child dead body below 12 years of age. Two more electric crematorium are under construction one at Shivaji Park, Hindu Cemetery and the other at Oshiwara Hindu Cemetery at Jogeshwari (West). The existing cemeteries in city are sufficient, excluding those for communities like Dawoodi Bohras, Jews, Khoja, who do not re-use land for burial. At Municipal managed cemeteries, amenities are provided at Municipal cost. At privately managed cemeteries, they are to be provided by their owners/trustees. However, at some private cemeteries certain amenities have also been provided at Municipal cost under Section 63 (k) of the Bombay Municipal Corporation Act, to avoid inconvenience to mourners.

MUNICIPAL LABORATORY

To safeguard public health, samples of various food-stuffs and samples of water from different parts of Greater Bombay were examined (Table No. 14).

The water sampling programme contained usual and the sampling was done both in the morning and evening so as to collect samples from all the wards of the City.

The Municipal Analyst attended different courts in the City and Suburbs as Public Analyst in 27 cases and the other public analysts attended courts in 12 cases.

Apart from the examination of samples of water, food-stuffs collected by Sanitary Inspectors and Food Inspectors, samples collected by the Food and Drug Administration and the B.P.T. authorities and samples of stores articles from Controller of Stores and samples from different departments of the Corporation were examined.

The Municipal and Public Analyst is a member of 10 different sub-committees of Indian Standards Institution and Central Committee for food standards.

Maintenance of Dhobighat : There is only one Municipal Dhobighat which is existing at Mahalaxmi since about 100 yrs. There are 709 wash stones for washing of cloths by dhobies. Facilities such as water supply, electricity, land for drying clothes have also been provided. The stones are given to Dhobies for washing at a monthly rent of Rs. 60/-.

Life Guard Service : The Sea shore of Juhu is guarded to save the lives of the persons from drowning. Life Guards are specially posted to watch the area from 6-00 a.m. to 6-00 p.m. and to guide the people not to go for swimming in the prohibited areas and to rescue those who are in danger. The Life Guards are provided with necessary life saving equipments, binoculars, etc. Similar life guard services are also available at Aksa Marve and Erangal beaches on Sundays and Holidays.

Control of Stray Cattles : Stray cattles are seized and impounded by Byculla Cattle Pound under Section 441-A of the B.M.C. Act. In order to have co-operation from the members of the public in this respect, incentive payment of Rs. 50/- per cattle seized and brought to the cattle pound at Byculla and Rs. 30/- per cattle seized and brought to M.O.H. C, D, E, F/N or G/N Ward Office is offered to the members of the public.

Maternity and Child Welfare : The Maternity and Child Welfare Services were rendered through 25 Municipal Maternity Homes, 9 Maternity Wards attached to 9 Municipal General Hospitals and 39 maternity and child welfare centres. The scheduled strength of maternity beds was 1519. The number of deliveries conducted was 66,101. The average stay of mothers in the maternity homes was 5 days. Domiciliary care was rendered to impart health education and to carry out health propoganda amongst mothers. Institutional care included antenatal, post-natal, infant and pre-school age child care, follow up work and health education by propoganda through posters, leaflets, group-talk demonstrations and film-shows, etc.

Milk was given free to the poor and needy expectant and nursing mothers, 3 months before and 3 months after delivery at the Maternity Homes. Poor mothers who delivered at their homes were also given help, in the shape of milk.

Paediatric centres were conducted at 8 maternity homes with a view (i) to providing a service to the community in which efficient, effective and comprehensive paediatric care can be given outside the hospital, by promoting good growth and development, providing immunization facilities, teaching family and community health as also nutrition. (ii) to reducing the load of the hospital out-patients departments by referring cases for different medical care and (iii) to providing a teaching field and education experience in a urban centre to doctors, nurses and allied workers.

Medical Termination of Pregnancy : All Municipal General Hospitals with Maternity Wards and almost all Municipal Maternity Homes are recognised for Medical Termination of Pregnancy under the M.T.P. Act 1971.

Family Welfare Planning : With a view to preventing or minimising maternal and infantile mortality and morbidity instructions in spacing of birth are given by trained doctors, to married man and women at the family welfare centres free of charge. Contraceptives are also given free after demonstration of the use of the same.

These activities are conducted under the supervision of the Special Officer I/c Family Planning, F/South Ward Officers, Dr. Ambedkar Road, Parel, Bombay-400 012.

KASTURBA HOSPITAL FOR INFECTIOUS DISEASES.

Dr. (Smt.) S. N. Marathe, M.B.B.S., D.P.H., Dy. Medical Supdt. Kasturba Hospital, has looked after the work of Professor of Medicine in addition to her own during the year.

| | |
|-------------|-----------------|
| Admissions | 17,157 |
| Expenditure | Rs. 1,12,83,349 |

Pharmacy Department : A pharmacy department which was established at this hospital in the year 1972 manufactures 600 bottles per day. This department supplies the same to all the Municipal Medical Hospitals, Municipal Maternity Homes and other hospitals.

Immunization Centre : 629 persons were immunized against Diphtheria, 1396 against Enteric Fever, 1396 against Cholera, 66 against measles.

Ward Laboratories : As required by the Bombay University, two ward laboratories have been started for a recognition to house posts for post-graduate studies.

Intensive Care Unit : To render prompt medical treatment to cases in acute condition requiring very prompt and intensive care, are admitted in ward No. 11 of the Hospital, The total No. of Patients admitted are 458 as against 581 during the Previous year.

Paying Beds : The paying bed facility is provided to those desiring the same voluntarily.

Teaching : Instructions in Infectious Diseases were given to 898 students including undergraduates of M. B. B. S., Ayurvedic and Homeopathic. Student Nurses, Nurses, Health Visitors, etc. from various institutions in Greater Bombay were also given instructions in Nursing Management of Infectious Diseases.

A full-fledged Laboratory, X-Ray Department, Operation Theatre, Library and Medical Record Department worked satisfactorily.

MEDICAL RELIEF

Municipal General Hospitals : The Public Health Department conducted eleven general hospitals in the Suburbs and Extended Suburbs. Details of the work done thereat are detailed in Table No. 13.

Dispensaries : New cases treated at the 148 dispensaries, O. P. Ds attached to Gen. Hospitals and 9 Mobile dispensaries were 35,27,512 against 59,70,076 in 1981. The total attendance was 1,40,08,497 as against 1,75,60,508 in 1981.

Clinics for women and children were conducted at 2 dispensaries for two hours a week. 580 new cases were treated at these clinics as against 666 in 1981 and the total attendance was 1,690. Similarly 1,89,615 new cases were treated at the 39 Maternity and Child Welfare Clinics and total attendance was 6,19,368.

Municipal Eye Hospital, Kamathipura : The total number of new cases treated and the total attendance at the out-patient department of this hospital was 31,469 and 74,293 as against 38,929 and 16,302 respectively during the previous year. The number of indoor patients amongst new cases and total attendance was 1,912 and 15,642 respectively, as against 1,753 and 18,649 respectively, in 1981.

The Medico-Social Unit, established in April 1957 at Kherwadi, Bandra, by appointing a medico-social worker in order to carry out an integrated practice of medicine based on the family and community as a Unit continued working. The medical personnel specialising in different fields of medicines are working at the Kherwadi Family and Community Health Centres, a Voluntary Social Organisation, rendered honorary services at the unit.

AMBULANCE SERVICE

Municipal ambulance service is available at all Municipal General Hospitals in City and Suburbs. The services are available round the clock at the major hospitals. In other Hospital, it is in two shifts from Morning to evening. Ambulance services are also available in Maternity Homes situated at Mahim, Deonar, Bhandup and Malad. Ambulance under the control of Fire Brigade is available for removal of case of maternity, Street accident (free) and non-infectious medical cases on payment within the limits of Greater Bombay.

Ambulance service at Sane Guruji Marg is available for removal of infectious diseases cases free and hearse for removal of dead bodies on payment within Greater Bombay.

The Services of hearse are also available on payment of prescribed charges at Juhu Hospital, Rajawadi Hospital, Borivali Hospital, round the clock and at Maa Hospital, Chembur, Mulund General Hospital (W), K.B. Bhabha Hospital, Bandra from morning to evening for removal of dead bodies in Greater Bombay.

Upgraded Dispensaries : There has been considerable over crowding at the outpatient departments of the Municipal General Hospitals, making it difficult for the medical staff of the Hospitals to pay adequate attention to each patient. The over-crowding in the O. P. D.s is due to the attendance of a large number of patients requiring dispensary treatment. With a view to relieving the general hospitals of the heavy load of patients, 58 Municipal General Dispensaries were upgraded.

Health Propaganda and Education : Health Propaganda and Education such as enlightening the public about the importance of environmental sanitation and immunization against various diseases, etc. was carried out through the Public Relation Department of the Corporation.

Rabies : Anti Rabie treatment is given at the 14 Municipal Hospitals, 1 Private Hospital, and 5 Municipal General Dispensaries.

Integrated Child Development Service Scheme : In pursuance of the National Policy for children, the Government of India have sanctioned the Integrated Child Development Scheme on an experimental basis in the first instance. Each project aims at the delivery of package of services in an integrated manner to pre-school children upto 6 years of age, exceptant and nursing mothers and to women in the age group 15-44 years.

Greater Bombay has been selected amongst the four urban slum projects to be inaugurated throughout India and the department of Social Welfare, Maharashtra State has selected Borivli, Goregaon slum area for implementation of this project. As the project falls within the limits of the Municipal Corporation, the Department of Social Welfare and the state level I. C. D. S. Co-ordination Committee decided to involve the corporation for implementation of the project in Greater Bombay.

VOLUNTARY HEALTH SERVICE SCHEME

Government of Maharashtra has introduced voluntary Health Service Scheme from Summer vacation of 1982. The College students of 11th and 12th standards of Science Faculty can participate in the scheme which is implemented during summer and Diwali vacations every year. (The main object of this scheme is to expose these students to health activities and general awareness in their minds for social service in the field of Health.)

The participating students have to volunteer their services for collecting health information from families for Health Survey Work. On an average each student has to collect information from 15 families per day for a block of 15 days. (The data collected through this Scheme is to be compiled and used for Monitoring National Programmes. The Scheme is really laudable as it will render valuable data and at the same time involve students and communities in Health activities. For collecting the information satisfactorily, the student get one mark for completion of the information of one block. During 2 years i.e. during 11th and 12th standard a student can get maximum of 5 mark. These marks are considered while giving admission to Government/Medical/Dental/Ayurvedic Colleges.)

The application form for enrollment in the Scheme and other details can be had from the Office of the Assistant Health Officer-Zone-II whose office is situated at Municipal Offices, F/South Ward, Parel, Bombay-400 012.

The entire expenditure of this scheme is borne by the Government of India.

The Patient is Provided with the Card. The Medical officer Incharge, Dispensaries, Maternity Homes etc. see that necessary treatment is given to that Patient.

Expanded Programme of Immunisation : As per the directives from the World Health Organisation and the Government, the Scheme of Expanded Programme of immunization has been adopted since May 1978 on permanent basis. Under the scheme, every child in Greater Bombay is contacted and immunized for Diphtheria, Tetanus, whooping cough, Tuberculosis within 1 to 1½ years of its birth.

Multi-purpose Workers Scheme : Multi purpose Workers Scheme has been launched in different parts of India as per recommendations of the Multi-purpose Worker's Committee appointed by the Govt. of India.

The Scheme is an extension of Expanded Programme of Immunization. It aims at switch over of the semi-purpose programme to multi-purpose programmes by integrating them. In Greater Bombay, the scheme is in operation in 9 wards viz. F/South, G/South, H/East, H/West, K/East, K/West, L, M, N, Wards on pilot basis and will be extended to other wards in due course. The scheme includes Expanded Programme of Immunization, Malaria Control, T. B. Control, Family Welfare Maternal and Child Health Nutrition, collection of vital statistical data regarding missing births and deaths etc.

Control of Water contamination and Health Survey Scheme : Greater Bombay receives water supply from artificial impoundage which is augmented by river water. To assess the impacts on health of the present water supply system and the new water purification and treatment plant, a prospective study is undertaken on the request of World Bank to find out whether there are quantifiable changes in the occurrence due to water related diseases in relation to environmental, Social and geographical factors. The study is to go on at least for next 2 years.

Dog Licensing Establishment : Dog Licensing Establishment primarily deals with the abatement of nuisance caused by stray dogs and to reduce the potential of such nuisance by organising dog catching raids on routine basis. These dogs are destroyed by electrocution method if not retrieved by the owners or interested parties within 3 days.

Control on certain trades and cinema and Drama Theatres : Certain trades like hair dressing Saloons, pan shops, laundries etc. are controlled from public health point of view by imposing a license under Section 394 of the Bombay Municipal Corporation Act.

Similar Cinema Theatre, Drama halls etc. are inspected to control them from public health point of view under the provisions of "Maharashtra Cinema (Rules) Regulations, 1966 and Rules for Licensing and controlling places for public amusement" respectively.

Health Education Drive : This is a fundamental aspect in preventive medicine. The various modes of audio-visual publicities are used in vulnerable areas. The talks are also arranged on radio and T.V. Immunization and intensive clinic campaigns are also carried out and purpose is enlighten about the importance of environmental sanitation, good habit for healthy living, etc.

Registration of Nursing Homes : Nursing Homes require registration under the Bombay Nursing Home Registration Act 1949 and Rules thereunder. Certificate of Registration is issued on payment of the prescribed fees of Rs. 50 (less than 10 beds) and Rs. 100 (more than 10 beds) at the office of the Medical Officer of Health at each of the wards. Renewal of registration is done annually on payment of equal amount payable for the first registration.

Licensing of Nurses Establishment : Nurses Establishments require licence under the provisions of the Bombay Nurses, Midwives and Health Visitors Act, 1954 and the Rules and Bye-laws passed thereunder. The licence is issued on payment of prescribed fees of Rs. 100/- by the Medical Officer of Health of the Ward and is renewable every year in April. Failure to take licence is punishable with fine which extends to Rs. 250/ for the first offence and for any subsequent offence with fine which may extend to Rs. 500/- or with simple imprisonment which may extend to six months or with both.

Census :

Information regarding variety of aspects of the nation's economy like population growth its distribution, urbanisation, manpower employment, literacy, migration, housing and so on and also of the working population, fertility patterns, age and educational levels, etc. is collected holding census.

Under Section 63 (h) of the Bombay Municipal Corporation Act, taking of a census of the population of Greater Bombay, is the discretionary duty of the Bombay Municipal Corporation. The work is entrusted to the Public Health department which is collecting the statistical data of births and deaths in Greater Bombay. The census is taken decennially *i.e.* every 10 years.

Dr. S.S. SABNIS,
Executive Health Officer.

TABLE 1
Notifiable Diseases

| | 1981 | | | 1982 | | |
|----------------------------|--------|--------|------------|--------|--------|------------|
| | Cases | Deaths | Death Rate | Cases | Deaths | Death Rate |
| Diphtheria | 91 | 16 | 0.0 | 76 | 11 | 0.0 |
| Enteric Fever | 355 | 35 | 0.0 | 187 | 29 | 0.0 |
| Infectious Hepatitis | 1991 | 391 | 0.0 | 1,315 | 284 | 0.0 |
| T.B. | 16,528 | 8,257 | 1.0 | 28,265 | 8,307 | 1.0 |
| Polio | 855 | 107 | 0.0 | 860 | 107 | 0.0 |

| | Immunization | Total during 1981 | Total during 1982 |
|----------------------------|--------------|--------------------------|-------------------|
| | | Diph Tetanus .. 1st dose | 1,98,984 | 81,036 |
| | 2nd dose | 1,01,450 | 1,28,220 |
| | Booster dose | 14,160 | 8,191 |
| Triple .. 1st dose | 1,32,020 | 1,06,760 | |
| | 2nd dose | 94,364 | 81,426 |
| | 3rd dose | 76,513 | 72,876 |
| | Booster dose | 42,135 | 34,052 |
| Polio .. 1st dose | 1,34,697 | 1,12,291 | |
| | 2nd dose | 98,045 | 85,346 |
| | 3rd dose | 77,157 | 74,152 |
| | Booster dose | 55,225 | 44,181 |
| F. A. B. .. | 4,66,254 | 6,16,363 | |
| Cholera .. | 2,01,472 | 2,33,508 | |
| Tetanus-toxide .. 1st dose | 5,41,541 | 4,64,674 | |
| | 2nd dose | 85,538 | 75,475 |
| | 3rd dose | 34,887 | 34,215 |
| | Booster dose | 7,008 | 1,279 |
| B. C. G. Vaccination .. | 1,17,106 | | |
| Measles .. | 4,300 | 7,000 | |

TABLE 2

Deaths and Death rates from Epidemic and Principal Causes 1982

| Causes of Death | Average of year 1977-81 | | 1981 | | 1982 | |
|---|-------------------------|------------|---------------|------------|---------------|------------|
| | Deaths | Death Rate | Deaths | Death Rate | Deaths | Death Rate |
| <i>Principal Epidemic Diseases</i> | | | | | | |
| Smallpox | ... | ... | ... | ... | ... | ... |
| Measles | 98 | 0.0 | 127 | 0.0 | 36 | 0.0 |
| Plague | ... | ... | ... | ... | ... | ... |
| Enteric Fever | 66 | 0.0 | 35 | 0.0 | 29 | 0.0 |
| Malaria Fever | ... | ... | ... | ... | ... | ... |
| Influenza | ... | ... | ... | ... | ... | ... |
| Cholera | ... | ... | ... | ... | ... | ... |
| Diphtheria | 18 | 0.0 | 16 | 0.0 | 11 | 0.0 |
| <i>Other Principal Diseases</i> | | | | | | |
| Tuberculosis | 82,58 | 1.0 | 8,261 | 1.0 | 8,307 | 1.0 |
| Meningococcal Infection | ... | ... | ... | ... | ... | ... |
| Diseases of nervous system | 1,491 | 0.2 | 1,345 | 0.2 | 624 | 0.1 |
| Diseases of Respiratory system | 10,705 | 1.3 | 10,592 | 1.3 | 10,607 | 1.2 |
| Diarrhoea, Enteritis & Dysentery | 4,004 | 0.5 | 3,660 | 0.4 | 2,830 | 0.3 |
| Purpural State | 111 | 0.0 | 93 | 0.0 | 76 | 0.0 |
| Congenital Debility & Diseases of early infancy | 6,106 | 0.8 | 6,557 | 0.8 | 7,155 | 0.8 |
| Senility Without mention of psychosis | 4,370 | 0.5 | 4,490 | 0.5 | 3,293 | 0.4 |
| Violence | 5,668 | 0.7 | 6,179 | 0.7 | 6,160 | 0.7 |
| Other causes | 28,629 | 3.6 | 29,606 | 3.6 | 30,893 | 3.6 |
| Total | 69,524 | 8.6 | 70,871 | 8.6 | 70,021 | 8.2 |

TABLE 3
Deaths among infants from Principal Causes by Age-periods—1982.

| Age Period | Small pox. | Meas- les. | Mala- rial fever. | Dysentery Diarr- hoea & enteri- ties. | Congenital mal- formati- on & di- seases of early infancy. | Disca- ses of respira- tory system. | Convul- sions. | Polio myelitis | Other causes | All causes | Percentage to the total of infant deaths. |
|---------------------------|---------------|---------------|-------------------------|---|---|---|-------------------|-------------------|-----------------|---------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Upto 7 days ... | ... | ... | ... | 70 | 4918 | 471 | ... | ... | 276 | 5735 | 44.3 |
| 1 to 4 Weeks ... | ... | ... | ... | 140 | 876 | 384 | ... | ... | 148 | 1548 | 11.9 |
| Total under 4 weeks ... | ... | ... | ... | 210 | 5794 | 855 | ... | ... | 424 | 7283 | 56.2 |
| 4 weeks to 6 months ... | ... | 1 | ... | 692 | 703 | 1288 | ... | 13 | 584 | 3281 | 25.4 |
| 6 months to 12 months ... | ... | ... | ... | 413 | 658 | 750 | ... | 29 | 531 | 2381 | 18.4 |
| Total ... | Nil | 1 | Nil | 1315 | 7155 | 2893 | Nil | 42 | 1539 | 12945 | 100.00 |

TABLE 4
Infant mortality from Principal Causes (1977-1982).

| Causes of death. | 1977 | 1978 | 1979 | 1980 | 1981 | 1977 to 1981 (A) | 1982 (B) | Difference between (A) & (B) |
|--|------|-------|-------|-------|-------|------------------------|-------------|------------------------------------|
| Poliomyelitis | ... | 20 | 21 | 24 | 35 | 42 | 28 | 42 + 14 |
| Smallpox | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | ... | 20 | 11 | 20 | 17 | 30 | 20 | 1 - 19 |
| Malarial Fever | ... | ... | ... | ... | ... | ... | ... | ... |
| Diarrhoea & Enteritis & Dysentery | ... | 1412 | 1863 | 2337 | 1792 | 1639 | 1809 | 1315 - 494 |
| Congenital malformation and diseases of early infancy | ... | 5493 | 6156 | 6390 | 5933 | 6557 | 6106 | 7155 + 1049 |
| Diseases of Respiratory systems | ... | 3596 | 2671 | 3101 | 2792 | 2944 | 3021 | 2893 - 128 |
| Convulsions | ... | ... | ... | ... | ... | ... | ... | ... |
| All causes | ... | 13999 | 13512 | 15078 | 13633 | 13449 | 13934 | 12945 - 989 |

TABLE 5
Cases of Notifiable Diseases reported in 1982.

| Wards | Cho- lera | Small pox | Plague | Enteric Fever | Diph- theria | Typhus | Puer- peral Fever | Tuber- culosis | Relap- sing Fever | Influe- nza | Acute Cerebro Spinal Fever | Polio- myelitis | Scarlet Fever | Infectious Hep- atitis | Lep- tosp | Total |
|--------------------|--------------|--------------|--------|------------------|-----------------|--------|-------------------------|-------------------|-------------------------|----------------|-------------------------------------|--------------------|------------------|------------------------------|--------------|--------|
| A | ... | ... | ... | 5 | ... | ... | ... | 1,214 | ... | ... | 5 | ... | ... | 28 | ... | 1,252 |
| B | ... | ... | ... | 22 | 1 | ... | ... | 1,265 | ... | ... | 8 | ... | ... | 90 | ... | 1,386 |
| C | ... | ... | ... | 3 | 2 | ... | ... | 1,910 | ... | ... | 4 | ... | ... | 6 | ... | 1,925 |
| D | ... | ... | ... | 13 | 3 | ... | ... | 2,223 | ... | ... | 32 | ... | ... | 77 | ... | 2,348 |
| E | ... | ... | ... | 52 | 1 | ... | ... | 4,667 | ... | ... | 65 | ... | ... | 199 | ... | 4,984 |
| F/N | ... | ... | ... | 7 | 3 | ... | ... | 1,201 | ... | ... | 47 | ... | ... | 69 | ... | 1,327 |
| F/S | ... | ... | ... | 16 | 4 | ... | ... | 1,715 | ... | ... | 22 | ... | ... | 80 | ... | 1,837 |
| G/N | ... | ... | ... | 11 | 3 | ... | ... | 1,413 | ... | ... | 51 | ... | ... | 67 | ... | 1,545 |
| G/S | ... | ... | ... | 32 | 9 | ... | ... | 1,023 | ... | ... | 45 | ... | ... | 96 | ... | 1,205 |
| H/E | ... | ... | ... | 2 | 7 | ... | ... | 835 | ... | ... | 20 | ... | ... | 51 | ... | 915 |
| H/W | ... | ... | ... | 4 | 1 | ... | ... | 654 | ... | ... | 19 | ... | ... | 38 | ... | 716 |
| K/E | ... | ... | ... | ... | 4 | ... | ... | 1,261 | ... | ... | 41 | ... | ... | 39 | ... | 1,345 |
| K/W | ... | ... | ... | ... | 1 | ... | ... | 1,118 | ... | ... | 43 | ... | ... | 31 | ... | 1,193 |
| L | ... | ... | ... | 4 | 4 | ... | ... | 2,181 | ... | ... | 36 | ... | ... | 58 | ... | 2,283 |
| M | ... | ... | ... | 4 | 5 | ... | ... | 1,379 | ... | ... | 76 | ... | ... | 83 | ... | 1,547 |
| N | ... | ... | ... | 5 | 5 | ... | ... | 1,167 | ... | ... | 58 | ... | ... | 58 | ... | 1,293 |
| P/N | ... | ... | ... | ... | 3 | ... | ... | 757 | ... | ... | 36 | ... | ... | 42 | ... | 838 |
| P/S | ... | ... | ... | 2 | 1 | ... | ... | 617 | ... | ... | 22 | ... | ... | 13 | ... | 655 |
| R | ... | ... | ... | 3 | 4 | ... | ... | 816 | ... | ... | 46 | ... | ... | 40 | ... | 909 |
| S | ... | ... | ... | 1 | 1 | ... | ... | 410 | ... | ... | 18 | ... | ... | 14 | ... | 444 |
| T | ... | ... | ... | ... | 1 | ... | ... | 439 | ... | ... | 15 | ... | ... | 22 | ... | 477 |
| Imported Cases. | ... | ... | ... | 1 | 13 | ... | ... | ... | ... | ... | 151 | ... | ... | 114 | ... | ... |
| TOTAL:— | ... | ... | ... | 187 | 76 | ... | ... | 28,265 | ... | ... | 860 | ... | ... | 1,315 | ... | 30,703 |

TABLE 6

NATIONAL MALARIA ERADICATION PROGRAMME.

| Area. | No. of fever cases detected. | No. of Persons given treatment. | NUMBER OF BLOOD SMEARS | | | Found Positive | PARASITE SPECIES. | | | | NO. OF PERSONS TREATED. | | EPIDEMIOLOGICAL CLASSIFICATION | | | | | |
|-------------------|------------------------------|---------------------------------|------------------------|-----------------|--------|----------------|-------------------|------------|-----|-----------|-------------------------|-----------|--------------------------------|--------------|---------|--------------|-------------|--|
| | | | Collected | Examined | Broken | | V. | F. | M. | Mixed. | Completely | Partially | Induced | Imported | Relapse | Indigenous | Not treated | |
| 1 Active— | | | | | | | | | | | | | | | | | | |
| City | 9,079 | 9,079 | 9,079 | 9,079 | ... | 241 | 238 | 1 | ... | 2 | 224 | 9 | ... | 69 | ... | 164 | 8 | |
| Suburbs | 37,255 | 37,255 | 37,255 | 37,255 | ... | 55 | 45 | 10 | ... | ... | 42 | 4 | ... | 39 | ... | 7 | 9 | |
| Extended Suburbs | 13,038 | 13,038 | 13,038 | 13,038 | ... | 20 | 20 | ... | ... | ... | 16 | 2 | ... | 11 | ... | 7 | 2 | |
| Total | 59,372 | 59,372 | 59,372 | 59,372 | ... | 316 | 303 | 11 | ... | 2 | 282 | 15 | ... | 119 | ... | 178 | 19 | |
| 2 Passive— | | | | | | | | | | | | | | | | | | |
| City | 2,01,884 | 2,01,884 | 2,01,884 | 2,01,884 | ... | 2,851 | 2,774 | 69 | ... | 8 | 2,329 | 46 | ... | 1,047 | ... | 1,328 | 476 | |
| Suburbs | 92,279 | 92,279 | 92,279 | 92,279 | ... | 381 | 347 | 32 | ... | 2 | 279 | 22 | ... | 231 | ... | 70 | 80 | |
| Extended Suburbs | 86,789 | 86,789 | 86,789 | 86,789 | ... | 266 | 249 | 17 | ... | ... | 184 | 18 | ... | 148 | ... | 54 | 64 | |
| Total | 3,80,952 | 3,80,952 | 3,80,952 | 3,80,952 | ... | 3,498 | 3,370 | 118 | ... | 10 | 2,792 | 86 | ... | 1,426 | ... | 1,452 | 626 | |
| 3 Mass— | | | | | | | | | | | | | | | | | | |
| City | 65,163 | 65,163 | 65,163 | 65,163 | ... | 515 | 509 | 6 | ... | ... | 473 | 20 | ... | 58 | ... | 435 | 22 | |
| Suburbs | 19,003 | 19,003 | 19,003 | 19,003 | ... | 5 | 5 | ... | ... | ... | 4 | ... | ... | 3 | ... | 1 | 1 | |
| Extended Suburbs | 13,627 | 13,627 | 13,627 | 13,627 | ... | 13 | 8 | 5 | ... | ... | 10 | 2 | ... | 2 | ... | 10 | 1 | |
| Total | 97,793 | 97,793 | 97,793 | 97,793 | ... | 533 | 522 | 11 | ... | ... | 487 | 22 | ... | 63 | ... | 446 | 24 | |

TABLE 7

*Ward-wise Malaria Positives cases with the species and classification.
for the year (1982).*

| Ward | No. of positive cases | Malaria Parasites | | | | Classification | | | |
|--------------|-----------------------|-------------------|------------|------------|-----------|----------------|--------------|------------|--------------|
| | | V. | F. | M. | Mixed | Imported | Indigenous | Untraced | Unclassified |
| A | 303 | 297 | 4 | ... | 2 | 146 | 97 | 8 | 52 |
| B | 73 | 67 | 6 | ... | ... | 49 | 10 | 3 | 11 |
| C | 43 | 40 | 3 | ... | ... | 25 | 9 | 2 | 7 |
| D | 149 | 139 | 10 | ... | ... | 76 | 44 | 9 | 20 |
| E | 411 | 396 | 13 | ... | 2 | 197 | 107 | 27 | 80 |
| F | 927 | 902 | 24 | ... | 1 | 365 | 437 | 54 | 71 |
| G | 1,696 | 1,674 | 17 | ... | 5 | 312 | 1223 | 42 | 119 |
| H | 125 | 119 | 5 | ... | 1 | 69 | 23 | 10 | 23 |
| K | 93 | 87 | 5 | ... | 1 | 57 | 21 | 10 | 5 |
| L | 65 | 62 | 3 | ... | ... | 36 | 15 | 5 | 9 |
| M | 101 | 88 | 13 | ... | ... | 47 | 26 | 19 | 9 |
| N | 48 | 45 | 3 | ... | ... | 32 | 6 | 7 | 3 |
| P | 115 | 103 | 12 | ... | ... | 82 | 12 | 10 | 11 |
| R | 111 | 92 | 19 | ... | ... | 66 | 23 | 12 | 10 |
| S | 41 | 40 | 1 | ... | ... | 25 | 10 | 3 | 3 |
| T | 46 | 44 | 2 | ... | ... | 24 | 13 | 5 | 4 |
| Total | 4,347 | 4,195 | 146 | ... | 12 | 1,608 | 2,076 | 226 | 437 |

Abbreviations used: V.—Vivax. F.—Falciparum. M.—Malaria.

TABLE 8

Admissions, deaths and average number of Patients at Kasturba Hospital, Sans Guroji Marg, Bombay 4000-11.

| Month | Chicken Pox. | Measles | Mumps | Anterior Polio Myelitis | Infective Hepatitis. | Influenza | Cholera | Diarrhoea & Vomiting due to Gastro enteritis. | Plague | Diphtheria. | Enteric Fever. | C. S. Fever. | Typhus Fever. | Erysipelas. | B. Dysentery. | A. Dysentery. | Whooping Cough. | Other Diseases. | Total | Discharge. | Deaths. | Daily average No. of Patient. |
|--------------|--------------|------------|------------|-------------------------|----------------------|-----------|---------|---|--------|-------------|----------------|--------------|---------------|-------------|---------------|---------------|-----------------|-----------------|---------------|---------------|------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| January .. | 212 | 31 | 92 | 47 | 130 | .. | .. | 156 | .. | 8 | 16 | .. | .. | .. | 5 | 5 | 4 | 688 | 1,394 | 1,292 | 44 | 348 |
| February .. | 366 | 36 | 86 | 47 | 117 | .. | .. | 160 | .. | 5 | 10 | .. | .. | .. | 3 | 1 | 4 | 571 | 1,406 | 1,326 | 40 | 431 |
| March .. | 582 | 87 | 106 | 38 | 104 | .. | .. | 179 | .. | 4 | 11 | .. | .. | .. | 7 | 2 | 2 | 634 | 1,756 | 1,612 | 44 | 471 |
| April .. | 416 | 67 | 140 | 44 | 86 | .. | .. | 185 | .. | 10 | 12 | .. | .. | .. | .. | .. | .. | 589 | 1,549 | 1,667 | 46 | 439 |
| May .. | 256 | 69 | 91 | 65 | 80 | .. | .. | 243 | .. | 4 | 13 | .. | .. | .. | .. | 3 | 1 | 688 | 1,393 | 1,378 | 47 | 329 |
| June .. | 43 | 55 | 97 | 81 | 128 | .. | .. | 306 | .. | 2 | 9 | .. | .. | .. | .. | 7 | .. | 787 | 1,445 | 1,318 | 45 | 385 |
| July .. | 21 | 56 | 12 | 138 | 132 | .. | .. | 397 | .. | 7 | 26 | .. | .. | .. | 1 | 7 | .. | 915 | 1,712 | 1,509 | 52 | 430 |
| August .. | 23 | 38 | 16 | 127 | 132 | .. | .. | 269 | .. | 3 | 24 | .. | .. | .. | .. | 68 | 1 | 774 | 1,475 | 1,467 | 56 | 411 |
| September .. | 24 | 7 | 10 | 83 | 94 | .. | .. | 191 | .. | 5 | 18 | .. | .. | .. | 2 | 4 | .. | 692 | 1,170 | 1,365 | 46 | 332 |
| October .. | 30 | 83 | 11 | 90 | 112 | .. | .. | 214 | .. | 7 | 12 | .. | .. | .. | 12 | 23 | .. | 803 | 1,357 | 1,185 | 54 | 307 |
| November .. | 68 | 109 | 14 | 56 | 86 | .. | .. | 196 | .. | 6 | 16 | .. | .. | .. | 3 | 26 | 1 | 633 | 1,214 | 1,230 | 47 | 316 |
| December .. | 92 | 120 | 31 | 44 | 114 | .. | .. | 188 | .. | 15 | 20 | .. | .. | .. | 1 | 18 | .. | 603 | 1,246 | 1,186 | 35 | 324 |
| Total | 2,033 | 798 | 636 | 860 | 1,315 | .. | .. | 2,684 | .. | 76 | 187 | .. | .. | .. | 34 | 164 | 13 | 8,357 | 17,157 | 16,435 | 556 | 382 |

TABLE 9.

Admissions from 1978 to 1982 at the Kasturba Hospital for Infectious Diseases.

| Year | Chicken Pox | Measles | Mumps | C. S. Fever. | Diphtheria. | Influenza | Whooping Cough. | Enteric Fever | B. Dysentery | A. Dysentery | Cholera | Plague | Typhus Fever | Diarrhoea and Vomiting due to Gastroenteritis. | Anterior Polio-myelitis. | Infective Hepatitis. | Other Diseases | Total | Deaths. | Discharge. | Daily Average No. of patients |
|---------|-------------|---------|-------|--------------|-------------|-----------|-----------------|---------------|--------------|--------------|---------|--------|--------------|--|--------------------------|----------------------|----------------|--------|---------|------------|-------------------------------|
| 1978 .. | 2,335 | 1,020 | 333 | 2 | 195 | .. | 3 | 1,500 | 32 | 49 | .. | .. | .. | 3,990 | 731 | 4,424 | 10,187 | 24,801 | 1,194 | 23,698 | 667 |
| 1979 .. | 2,484 | 743 | 637 | .. | 111 | .. | 52 | 844 | 72 | 65 | .. | .. | .. | 3,263 | 950 | 3,338 | 9,025 | 21,584 | 1,024 | 20,560 | 555 |
| 1980 .. | 1,708 | 1,059 | 247 | .. | 81 | .. | 28 | 706 | 133 | 87 | .. | .. | .. | 3,038 | 994 | 1,841 | 9,191 | 19,098 | 736 | 18,362 | 455 |
| 1981 .. | 3,565 | 792 | 430 | .. | 90 | .. | 15 | 355 | 47 | 95 | .. | .. | .. | 4,544 | 855 | 1,989 | 9,856 | 22,633 | 721 | 22,588 | 501 |
| 1982 .. | 2,033 | 798 | 636 | .. | 76 | .. | 13 | 187 | 34 | 164 | .. | .. | .. | 2,684 | 860 | 1,315 | 8,357 | 17,157 | 556 | 16,435 | 382 |

TABLE 10

Average weekly Cost per Patient admitted at the Kasturba Hospital for infectious Diseases, Sane Guruji Marg, Bombay 400 011.

| Particulars | Year | | | |
|-------------------------------------|-------|--------|--------|-------|
| | 1979 | 1980 | 1981 | 1982 |
| | Rs. | Rs. | Rs. | Rs. |
| Drugs, Dressings & Disinfectants .. | 20.31 | 29.56 | 34.69 | 22.19 |
| Diet. .. | 18.76 | 37.17 | 37.66 | 47.25 |
| Clothings .. | 4.41 | 10.64 | 10.15 | 12.25 |
| Stores .. | 8.96 | 45.50 | 19.67 | 16.31 |
| .. | 35.44 | 121.87 | 105.14 | 98.00 |

TABLE 11

Total cost per Patient per day at the Kasturba Hospital for infectious Diseases; Sane Guruji Marg, Bombay, 400 011 (including Establishment Charges).

| Particulars | Cost per | Infectious Hepatitis |
|--|-----------------|------------------------|
| | Indoor Patients | Out-Patient Department |
| | Rs. | Rs. |
| Diet. | 6.75 | — |
| Stores and Linon .. | 4.08 | 0.43 |
| Drugs, Dressings Disinfectants etc. .. | 3.17 | 1.04 |
| Lighting, Miscellaneous etc. .. | 2.36 | 0.27 |
| Repairs. .. | 0.31 | .. |
| Establishment .. | 52.21 | 6.72 |
| Total .. | 68.88 | 8.46 |

TABLE 12

Immunizations, done By Mobile Health Units.

| | | In Schools | In field | Total |
|------------------|--------------|--------------|---------------|---------------|
| (1) Diph-Tetanus | 1st Dose | 13937 | 886 | 14823 |
| | 2nd Dose | 8652 | 826 | 9478 |
| Triple | 1st Dose | .. | 2055 | 2055 |
| | 2nd Dose | .. | 1582 | 1582 |
| | 3rd Dose | .. | 1494 | 1494 |
| | Booster Dose | .. | 1090 | 1090 |
| Polio | 1st Dose | .. | 2062 | 2062 |
| | 2nd Dose | .. | 1588 | 1588 |
| | 3rd Dose | .. | 1292 | 1292 |
| | Booster Dose | .. | 1253 | 1253 |
| T. A. B. | .. | 32109 | 4049 | 36158 |
| Cholera | .. | .. | 3122 | 3122 |
| T. T. | 1st Dose | .. | 341 | 341 |
| T. T. | 2nd Dose | .. | 27 | 27 |
| Measles | .. | .. | 3937 | 3937 |
| Total .. | | 54698 | 25,604 | 80,302 |

TABLE 13

Work done at the Municipal General Hospitals under the Executive Health Officer.

| Accommodation of Beds Ward-wise— | Kharshaji Behramji Bhabha Hospital, Bandra. | Vishnu Prasad Nandraj Desai General Hospital Santacruz (East) | Dr. R. N. Cooper Municipal General Hospital Juhu, Vileparle | Khan Bahadur H. K. Bhabha Hospital, Kurla. | Diwalibai Mohanlal Mehta Maa Hospital, Chembur. | Seth V. C. Gandhi & M. A. Vera Municipal General Hospital, Rajawadi, Ghatkopar. | Sant Muktabai General Hospital Barve Nagar | Shri M. W. D. Sai Memorial Gen. Hospital, Malad (East) | Shri Harilal Bhagwati Municipal General Hospital, Borivli. | Smt. M. T. Agarwal General Hospital, Mulund. (west) | Municipal General Hospital, Mulund (East) | | | | | | | | | | | |
|---------------------------------------|---|---|---|--|---|---|--|--|--|---|---|-------|----------|--------|-----------|--------|-------------|--------|-----------|--------|-----------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | | | | | | | | |
| Children Ward | 32 | 23 | 80 | 32 | 20 | 76 | 20 | 25 | 35 | 33 | 20 | | | | | | | | | | | |
| General Male Ward | 32 | 45 | 180 | 40 | 19 | 42 | 35 | 31 | 65 | 40 | 30 | | | | | | | | | | | |
| General Female Ward | 32 | 45 | 140 | 40 | 19 | 37 | 15 | 52 | 35 | 37 | 30 | | | | | | | | | | | |
| Maternity Ward | 65 | 30 | 120 | 60 | ... | 110 | 30 | 28 | 50 | ... | 10 | | | | | | | | | | | |
| Septic & Gynac Ward | 25 | 40 | 120 | ... | 12 | 60 | ... | 20 | 35 | 18 | 10 | | | | | | | | | | | |
| Others | 18 | 4 | ... | 6 | 4 | 234 | ... | ... | 90 | ... | ... | | | | | | | | | | | |
| Total No. of Beds... | 204 | 187 | 520 | 178 | 74 | 559 | 100 | 136 | 300 | 128 | 100 | | | | | | | | | | | |
| In-patients | 54,273 | 149 | 47,692 | 132 | 1,87,003 | 607 | 56,987 | 156 | 25,670 | 70 | 1,65,479 | 453 | 5,577 | 13 | 1,50,252 | 418 | 1,06,727 | 292 | 34,773 | 96 | 25,880 | 71 |
| Surgical Operations | 11,199 | 30 | 7,673 | 21 | 35,118 | 40 | 4,375 | 12 | 1,976 | 7 | 11,684 | 39 | 707 | 12 | 913 | 3 | 11,732 | 32 | 3,834 | 12 | 1,656 | 10 |
| O. P. D. | 153537 | 630361 | 101762 | 267773 | 104911 | 591926 | 1,24,938 | 423143 | 105701 | 357463 | 167813 | ... | 44894 | 152417 | 43599 | 150255 | 118980 | 416680 | 70565 | 315090 | 43446 | 80684 |
| In-patients remained on 31-12-1981 | 167 | 127 | 607 | 151 | 62 | 510 | 99 | 91 | 339 | 102 | 72 | | | | | | | | | | | |
| Admitted in 1982 | 10,44 | 9277 | 29115 | 12,199 | 3373 | 29232 | 5533 | 6800 | 19477 | 4918 | 4745 | | | | | | | | | | | |
| Total No. of patients treated in 1982 | 54273 | 47692 | 187003 | 56,987 | 25670 | 165479 | 5577 | 150255 | 106727 | 34773 | 25880 | | | | | | | | | | | |
| Discharged Cured | 10294 | 8911 | 27057 | 12,068 | 3140 | 8310 | ... | 6000 | 16000 | 4569 | 2010 | | | | | | | | | | | |
| Otherwise | 138 | ... | 349 | ... | 85 | 19534 | ... | 185 | 839 | 244 | 1004 | | | | | | | | | | | |
| Died | 269 | 246 | 2020 | 236 | 118 | 1566 | 41 | 165 | 953 | 184 | 134 | | | | | | | | | | | |
| In-patients remaining on 31-12-1981 | 136 | 120 | 537 | 148 | 50 | 423 | 88 | 86 | 339 | 87 | 68 | | | | | | | | | | | |
| Daily Average | 149 | 132 | 339 | 156 | 70 | 453 | 79 | 418 | 292 | 1139 | 71 | | | | | | | | | | | |
| Expenditure. | 84,17,926 | 87.39 | 67,60,000 | 76.00 | 1,72,18,704 | 73.62 | 62,05,008 | 44.33 | 45,12,000 | 71.50 | 1,88,59,830 | 85.35 | 6,11,624 | 42.00 | 47,73,810 | 98.02 | 1,60,47,919 | 62.95 | 60,00,879 | 46.11 | 35,82,425 | 62.99 |

TABLE 14

Examination of food and water sample during the year 1982

I.—Chemical examination :—

(1) Food

(i) Prevention of Food Adulteration Act. ... 4,908

(ii) Other than the P. F. A. Act-- ... 4,912

(2) Water Samples ... 8,120

Chemicals

(3) Controller of Stores, ... 276

(4) Hospitals ... 114

(5) Miscellaneous— ... 501

Total 18,831

II.—Bacteriological Examination :—

(1) Water

(i) From City, Suburbs and Extended Suburbs. ... 25,533

(ii) From B. P. T. Area. ... 568

(iii) Water (Private) ... 539

(iv) Disinfectants. ...

(v) Foods ... 990

(vi) Ice ... 37

(vii) Miscellaneous. ...

Total 27,667

TABLE 15

World-wide total Confinements in Institutions in Greater Bombay doing Maternity Work during 1982

| WARDS. | A | B | C | D | E | F/N | F/S | G/N | G/S | H/E | H/W | K/E | K/W | L | M | N | P/S | P/N | R | S | T | Total |
|---|-------|-------|-------|----------------|-----------------|-----------------|--------|---------------|----------------|-------|---------------|---------------|----------------|-------|--------|----------------|----------------|-------|--------|---------------|-------|--------------------|
| (1) No. of Institutions... | 17 | 6 | 8 | 63 | 17 | 33 | 14 | 35 | 15 | 13 | 32 | 40 | 37 | 10 | 21 | 19 | 14 | 33 | 43 | 11 | 23 | 504 |
| (2) Total No. of Beds... | 2,966 | 224 | 280 | 2,087 | 2,729 | 1,559 | 1,920 | 422 | 260 | 361 | 616 | 1,080 | 1,516 | 267 | 461 | 946 | 201 | 552 | 1,272 | 332 | 298 | 20,349 |
| (3) No. of Mat. Beds ... | 482 | 124 | 95 | 811 | 392 | 368 | 414 | 284 | 230 | 136 | 337 | 374 | 552 | 131 | 241 | 420 | 173 | 320 | 501 | 211 | 164 | 6,760 |
| (4) Live Births ... | 8,714 | 3,579 | 1,698 | 12,183 | 12,261 | 13,212 | 15,154 | 6,114 | 5,379 | 6,968 | 8,670 | 7,372 | 13,153 | 8,048 | 11,524 | 18,752 | 6,295 | 9,488 | 12,641 | 6,081 | 6,336 | 1,96,22 |
| (5) Still Births ... | 131 | 186 | 53 | 186 | 311 | 333 | 301 | 122 | 124 | 123 | 89 | 126 | 642 | 246 | 209 | 564 | 134 | 172 | 214 | 84 | 155 | 4,505 |
| (6) Total Confinements... | 8,845 | 3,765 | 1,751 | 12,366 (3T) | 12,545 (27T) | 13,528 (17T) | 15,455 | 6,230 (6T) | 5,490 (13T) | 7,091 | 8,757 (2T) | 7,496 (2T) | 13,793 (2T) | 8,294 | 11,733 | 19,313 (3T) | 6,398 (31T) | 9,660 | 12,855 | 6,158 (7T) | 6,491 | 1,98,014 (113T) |
| (7) Deaths among Mothers | 4 | 2 | 1 | ... | 28 | 32 | 29 | ... | ... | ... | ... | ... | 45 | ... | ... | ... | ... | ... | ... | ... | 3 | 144 |
| (8) Neo-Natal Vaccinations against Small-Pox ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (9) B.C.G. Vaccination ... | 7,106 | 1,052 | 579 | 3,710 | 7,831 | 8,564 | 11,826 | 3,426 | 4,934 | 6,148 | 3,800 | 1,037 | 11,602 | 8,396 | 7,669 | 6,932 | 3,644 | 4,581 | 11,095 | 4,767 | 3,088 | 1,22,787 |

K. E. M. Hospital & Seth G. S. Medical College

HOSPITAL :

I.—Expenditure—

| | Rs. |
|--------------------------------------|-------------|
| (A) On In-patients. | 5,12,16,445 |
| On Out-patients | 1,38,75,924 |
| | |
| (B) Average cost per— | |
| (i) In-patient per day. | 85.58 |
| (ii) In-patient admission | 1,021.18 |
| (iii) Out-patient attendance | 21.17 |
| (iv) Out-patient admission | 52.96 |

II.—Results—

| | |
|---|----------|
| (A) 1. Schedule Bed Strength | 1,595 |
| 2. Daily Average in-Patient in Wards | 1,576 |
| 3. Admissions including those brought over from the previous year 1981. | 51,838 |
| 4. Patients discharged | 46,498 |
| (i) As cured | 37,242 |
| (ii) Other wise | 9,256 |
| (iii) Expired | 3,779 |
| (iv) Remained in the Hospital on the last day of the year. | 1,561 |
| (v) Average stay of in-patients (in days) | 11.44 |
| | |
| (B) 1. New Out-patients attendance | 2,78,640 |
| 2. Daily average of Out-patient (New) | 764 |
| 3. Out Patients (New and Old) | 6,93,225 |
| 4. Daily average of out-patients attendance (New & Old) | 1,899 |
| 5. Casualty attendance (Medico-legal) | 16,948 |
| | |
| (C) 1. Operations-Majour | 16,700 |
| Minor | 31,895 |
| | |
| (D) CONFINEMENTS | |
| 1. Booked cases | 3,616 |
| 2. Emergency Cases | 277 |
| 3. Normal | 3,127 |
| 4. Abnormal | 766 |
| 5. Neonatal & Maternal Deaths | |
| (1) Maternal Deaths | 25 |
| (2) Neonatal Deaths | 136 |
| (3) Still Births | 35 |
| (4) Premature live Born Infants | 277 |

III.—Specialised Treatments—

| | |
|--|-------|
| 1. Artificial Kidney Department— | |
| (i) Peritoneal Dialysis | 179 |
| (ii) Haemodialysis | 1,782 |
| 2. I. C. C. U. Ward | |
| (i) Number of admissions | 822 |
| 3. Open Heart Surgery. | 535 |
| Other Heart Operations. | 462 |
| 4. Neurosurgery— | |
| (i) Operations | 259 |
| (ii) Radiological investigations | 1,875 |
| 5. Sterilisations— | |
| Male | 64 |
| Female | 1,094 |

IV.—Radiology—

| | |
|--|--------|
| 1. General Radiology Section (No. 10) | 46,499 |
| 2. Vascular Radiology Section (No. 53) | 675 |
| 3. Neuro-Radiology Section | 1,923 |
| 4. Orthopaedic Radiology Section. | 23,733 |

V.—Blood Bank—

| | |
|---|--------|
| 1. Number of Blood samples collected from— | |
| (i) Voluntary Donors | 7,112 |
| (ii) Relative Donors | 4,492 |
| (iii) Other Hospitals | 2,230 |
| 2. Number of bottles supplied | 14,379 |
| 3. Total number of grouping & cross matching | 18,736 |
| 4. Total number of out-door bleeding sessions | 87 |

Blood Utilisation

| | |
|---|--------|
| 1. To K. E. M. Hospital | 11,947 |
| 2. To other hospitals (Municipal, Public & Other hospitals) | 1,877 |
| 3. Discarded | 470 |

VI.—School Clinic—

| | |
|--|-------------|
| 1. School Children treated— | |
| (i) New | 1,932 |
| (ii) Repeated | 13,902 |
| (iii) Referred | 439 |
| 2. Total Expenditure on Clinic | 1,97,000.00 |

VII.—Physio Therapy—

| | |
|---|----------|
| (i) Attendance at the Centre— | |
| Out-patients | 22,280 |
| In-Patients | 2,51,719 |
| (ii) Treatment given to— | |
| Out-patients | 71,696 |
| In-Patients | 1,80,023 |
| (iii) Students admitted during the year | 40 |
| (iv) Students in the School | 118 |
| (v) Students graduated during the year | 34 |

VIII.—Occupational Therapy—

| | |
|--|----------|
| (A) Patients treated at the Centre | 13,129 |
| Treatment given | 1,81,502 |
| (B) (i) Students admitted in the School for M. Sc. O. T. | 3 |
| (ii) Students admitted in the School during year | 130 |
| (iii) Number of students in the School | 30 |
| (iii) Students graduated during the year | .. |

COLLEGE :

| | |
|---|-----------------|
| (i) Total expenditure on Hostel | Rs. 1,77,700.00 |
| (ii) Revenue from Tuition Fees, Hostel Rent and Miscellaneous Receipts. | Rs. 4,45,450.00 |
| (iii) Revenue from Post-Graduate Fees | Rs. 1,08,605.00 |

I.—Students—

| | Male | Female | Total |
|--|--------------------|------------|--------------|
| (A) (i) Undergraduate Students | | | |
| 1. 1st M. B. B. S. | 95 | 65 | 160 |
| 2. 1st M. B. B. S. (Casual) | 16 | 6 | 22 |
| 3. IInd M. B. B. S. | 196 | 111 | 307 |
| 4. IIInd M. B. B. S. | 124 | 69 | 193 |
| 5. 3rd M. B. B. S. (Casual) | 26 | 7 | 33 |
| 6. Intern | 156 | 80 | 236 |
| 7. B. Sc. (O. T.) | 13 | 88 | 101 |
| 8. B. Sc. (P. T.) | 13 | 100 | 113 |
| | Total | 526 | 1,165 |
| 9. Post-graduate students including research students. | 426 | 194 | 620 |
| | Grand Total | 720 | 1,785 |
| (B) Occupation of parents or Guardians— | | | |
| (i) Service | .. | .. | 96 |
| (ii) Medical Profession | .. | .. | 26 |
| (iii) Legal Profession | .. | .. | 2 |
| (iv) Misc. occupations | .. | .. | 31 |
| (v) Engineering | .. | .. | 5 |

The King Edward VII Memorial Hospital & Seth Gordhandas Sunderdas Medical College are functioning since 1925-26. The Hospital is the largest civic Medical Institute in the City, fully modernised and well equipped with various departments. The G. S. M. College provides training facility in almost all the faculties of Medicine and Surgery. Both the institutions are managed by the Dean with the assistance of Medical Personnel of high repute and numerous para-medical and other staff well trained in the line.

Dean—Dr. C. K. Deshpande, M. D., F. R. C. Path. (London).

Asstt. Dean—Dr. (Smt.) S. R. Satoskar, M. B. B. S.

Ward Officer—Shri R. B. Veturkar, B. A. (Hons.)

Educational Programme : 160 candidates including 48 students from backward Communities were admitted to the M. B. B. S. Course during the year under report.

Post-graduate course were conducted for M. D./D. M., M. S./M. Ch. D. A., D. V. D., D. P. M. D. P. H., D. M. R. D., D. M. L. T., M. Sc. (Biochemistry) M. Sc. (Animal Physiology), M. Sc. (Microbiology) Ph. D. on the lines of the previous year.

Hostels : There are three hostels attached to the Seth G. S. Medical College. Male students Hostels in the College premises has 148 rooms, Ladies students hostel has 36 rooms and Male students hostel situated at Naigaon has 56 rooms. All the rooms were fully occupied during the year. All the modern amenities have been provided at the hostels.

Library : As in previous years, the library has been rendering useful service to the hospital staff in general and the student community in particular, by providing reading, borrowing, and research facilities. Undergraduate, Postgraduate, and research students have been deriving the fullest benefit from these facilities. Even research students from other colleges are allowed to read in the library on application, and proper recommendation and identification.

During the year 1982 (*i. e.* from 1-1-1982 to 31-12-1982), 573 books have been added to the collection. During the year 1982 a subscription is paid to 321 titles of medical journals.

The new library building is ready and will be occupied in January(1983).

OCCUPATIONAL THERAPY TRAINING A SCHOOL AND CENTRE :

Weaving activities : Weaving & winding work were given to patients. Patients produced handloom products like bed sheets, towels etc. worth of Rs. 9,656. which was credited to P. B. C. Fund.

Printing Activities : During the year Rs. 62,484 worth printing work was done and amount was credited to the Poor Bix Fund. Also some printing activities like binding pinning, cutting, rulling, folding, setting were given to the patients as a part of their treatment.

Splints : 1224 Splints were prepared and given to the patients and amount recovered for these were Rs. 5,066.50 which were credited to the P. B. C. Fund.

DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE. i

The Department of Preventive and Social Medicine has now completed 23 years.

Activities and Programme :

(1) Teaching and Training activities : These are undertaken by the teaching staff of the department for :

(a) Undergraduate students.

(b) Post Graduate Students

(c) Interns.

(2) Service Programmes : are conducted at

(a) Urban Health Centre : Located at F/South Municipal Ward Office building.

(b) Mobile Health Clinic : Located at within the Community of Naigaon B. D. D. Chawls as an extension of Urban Health Centre.

Naigaon Community :

| | | | | | |
|----------------------------------|----|----|----|---------|------|
| Nagaon Community : .. | .. | .. | .. | .. | 1097 |
| Immunisation D. P. T., D.T. Opr. | .. | .. | .. | .. | 1000 |
| T. T. | .. | .. | .. | .. | 400 |
| | | | | Total : | 1400 |

Health Education :

Film shows : 125 in O. P. D. and Meetings 25 including wards,

Seminars of Intern's : 100

Exhibition : 1.

The Handicapped Survey-cum-service programme in Naigaon B. D. D. Chawls :

| | | | | | |
|-------------------------------|----|----|----|----|-------|
| No. of population surveyed | .. | .. | .. | .. | 6,100 |
| House holds of Handicapped. 3 | .. | .. | .. | .. | 1,280 |
| Total Handicapped persons. | .. | .. | .. | .. | 216 |
| Referral and Service to .. | .. | .. | .. | .. | 200 |

Malvani Health Centre : The activities of this centre 1982-83 as under :

I Surveys conducted following which relevant services were started

- (a) Survey to find on surgical operation cases.
- (b) Survey to estimate the prevalence of Physically and Mentally, handicapped patients.
- (c) Nutritional survey of School children (done once every year).
- (d) Health status of school children (done once every year).
- (e) Survey in the community to find the scabies morbidity.
- (f) Survey of the member of pregnant women in the community and the number of dar's existant.

(g) A special cataract survey was conducted twice so as to get more them operated in the cataract camp.

(h) A Sepcial TB survey done for 65,000 population to detect new and old cases of TB in the community.

(i) Extensive survey of 0.5 year children regading common illness and ophthalmic status as per Royal commonwealth society proforma.

II. Promotive and Preventive Sereices:

(a) Creshes and Balvadi services.

(b) Under Fives Clinic : A total of 2987 children and their mother attended the clinic regularly.

(c) School Health services.

(d) Expanded immunisation programme of 0.5 years children. This is carried out of the following places.

(i) It is the school premises for the riblings of school children.

(ii) In the under fives clinics.

(iii) At the existing health centre.

(iv) In the community from house to house.

Total oral polio vaccine given was -- -- -- -- 20,729

Total DPT injection given was -- -- -- -- 3,546

(e) Mother craft Clinic : 1236 pregnant women and 417 lactatins mother attended the clinics.

III—Curative Services : 11,560 patients attended the outdoor services.

IV.—Rehabilitative Services : 82 new cases and 125 old cases of handicapped patients attended the centre for physical social and recreational rehabilitation regularly.

V.—Community Services : Family Planning Camps : 5 Camps were conducted this year in which 168 women had TL performed on them. Thus, this total and intergrated comprehensive health care programme is aimed at achieving a level of health that will permit the community to lead a socially and economically productive life.

DEPARTMENT OF ANAESTHESIOLOGY

Department of Anaesthesiology continued to give Anaesthesia and Resuscitation services as reflected in the number of operations carried out in various operation theatres. Department also managed these service at Dr. R. N. Cooper Hospital Juhu and Municipal Hospitalat Malad. In respiratory care ward 165 critically ill patients were treated with 120 survival.

Anaesthesia O. P. D. continued to work smoothly and 8124 patients were examined.

No new equipment were acquired during the year.

Department has been actively helping Blood Bank in their blood collection drive.

Services at various Laparoscopic Camps were provided. At Malwani-Rural health centre anaesthesia services were provided.

Teaching programme continued throughout the year. This is reflected in excellent results at D. A. and M. D. examination. Results are available in college Data. Department is badly in need of a Seminar Hall for teaching purpose. Departmental Library has 300 books both from B. M. C. and outside sources.

DEPARTMENT OF BIOCHEMISTRY AND NUTRITION

This department is concerned with training the students for Ist M. B. B. S., M. Sc. (by papers), M. Sc. (by research) and Ph. D. The report is as under :

| Ist M.B.B.S. | | | | Appeared | Passed | Percentages |
|---------------|-----|-----|-----|----------|--------|-------------|
| April 1982 | ... | ... | ... | 10 | 8 | 80% |
| November 1982 | ... | ... | ... | 180 | 159 | 88.33% |
| M.S. Part I | | | | | | |
| May/June 1982 | | | | 10 | 10 | 100% |
| Oct./Nov. | | | | 3 | 3 | 100% |

| M.Sc. Part II | Appeared | 1st Class | IInd Class | Pass Class | Percentage |
|----------------|----------|-----------|------------|------------|------------|
| May/June 1982 | 10 | 5 | 5 | .. | 100% |
| Oct./Nov. 1982 | 1 | .. | .. | - | 100% |

One student Miss Nutan Vaygankar got Gold Medal.

M. Sc. by Research.

Four students were awarded M. Sc. degree and two students submitted their synopsis.

Ph.D.

Three students were awarded Ph.D. degree and seven students submitted their synopsis.

ARTIST SECTION

The following work is carried out in the Department during the year :

| | | | | | | |
|--|----|----|----|----|----|--------|
| (1) Patients Photographs | .. | .. | .. | .. | .. | 5,071 |
| (2) X-rays exposed | .. | .. | .. | .. | .. | 4,122 |
| (3) Specimen & Photomicrographs exposed | .. | .. | .. | .. | .. | 1,504 |
| (4) Book Copping etc. | .. | .. | .. | .. | .. | 11,876 |
| (5) Preparation of graphs, charts, drawings etc. | .. | .. | .. | .. | .. | 2,308 |
| (6) Functions photographs | .. | .. | .. | .. | .. | 65 |
| (7) Nurses Photographs | .. | .. | .. | .. | .. | 125 |
| (8) Slides prepared | .. | .. | .. | .. | .. | 18,950 |
| (9) Prints prepared | .. | .. | .. | .. | .. | 5,489 |

DEPARTMENT OF PHYSIOLOGY.

During the year 1982-83, 160 students were admitted in Ist M.B.B.S in July 1982. Regular classes in theory and practicals were started from 13th July 1981. The progress of the students were assessed in theory and practicals of regular intervals. For theory, after completion of a particular system, students had to undergo a cardtest, in which they were being questioned by staff members and marks were given. For practicals, after finishing 4-5 experiments, students were subjected to spot examination. Occasional Visuo-Audial tests were also conducted to see the day to day progress of the students. Ist Terminal examination of this batch of students was held in November 1981.

In the year 1982-83, students for F. Y. B. Sc. (Occupational Theory and Physio Therapy—O. T., P. T.) were Admitted. O. T. T. P. students were assessed for Theory and Practical during thzir tarminal examination.

Seperate physiology lectures were arranged for Nurses, M. Sc. (Bio-physics) and M. D. (Physiology) students.

Charging of fees for Out-door and Indoor patients at this hospital.

The charging of fees for the O. P. D. and Indoor patients has been introduced at this hospital with effect from 1/4/82. The patients availing treatment as Out patients and In-Patients are charged fees of Rs. 2. and Rs. 5 respectively for case papers. The O. P. D. case paper is valid for 15 days from the date of issue. If the treatment is required to be continued further, patient has to ipay Rs. 2 after 15 days for O. P. D. case paper.

As regards In-door Patients, on admission fee of Rs.5 is collected at the time of admitting the patient, such case paper is valid for 10 days only. If, however patients is required to be kept in the ward for more than 10 days, the hospital's competant authorities on considering the advice prescribes, such as stay beyond 10 days, no additional fees is levied. In absence of such certificate from the doctor attending on the patient, a fee of Rs, 5 per day of stay in the hospital is recovered.

Rs. 100 are charged to the patient for the 4th and subsequent delivery (If the first three children are lving).

For side room patient fee for general admission Rs. 5 is recovered and Rs. 30 per day is levied for side room. Besides this patient is charged Rs. 60 for Minor Operation and Rs. 120 for Major Operation. This patient is also liable to pay Rs. 10 for per X-ray investigation and Rs. 10 for Pathological, Bacteriological etc. investigations.

Cases of accident brought by Police etc. and other emergency cases are treated in the hospital forth with for immediate attention treatment without demanding any fees. Similarly patient from Remand home orphanages, convents children Aid Society etc., are treated free of charge.

Municipal employees and their direct dependant family membes and Municipal Pensioner and his/her wife-husband are treated free of charged.

The Department is also training the Students of post Diploma course in Medical Electronics. Special demonstration and lectures were arranged for these students.

MEDICAL RECORD DEPARTMENT

The scheduled bed strength during the year was 1,595. There was constant over crowding in the Hospital, particularly in the Children wards and in the Female Surgical and Medical wards, orthopaedics wards even after strict scrutiny and restriction on routine admissions.

Death Classified : Out of 3,779 deaths, 684 died within 24 hours of admission, 636 after 24 hours but within 72 hours of admission and 2,459 after 3 days or more from the date of Admission. The figures are exclusive of 262 still births, Prematurity and Neonatal deaths. Death rate was 7.51 as against 7.55 during the last year.

Confinement and Abortions : The total number of confinement was 4,343 and that of Abortion was 2,170 (including M.T.P. also).

Medico Legal Cases : Resident Medical Officers attended the various courts for giving evidence in 564 Medico-Legal Cases. as follows :—

Metropolitan Magistrate Court : 285, Labour Court : 35

Coroner Court : 15, Javelian Court 5, S'ession Court : 89, M. A. C. T. 135.

Depositions : During the year 575 depositions were filed in the Coroner's Court.

Medical Certificates : Certificates were issued to different Institutions and persons during the year as under

| | | | | | |
|-------------------------|-----|-----|-----|-----|-------|
| Under Treatment | ... | ... | ... | ... | 5,283 |
| Opinion and Fitness | ... | ... | ... | ... | 6,841 |
| Compensation | ... | ... | ... | ... | 152 |
| Insurance | ... | ... | ... | ... | 109 |
| Injury | ... | ... | ... | ... | 155 |
| Injury to Police (Free) | ... | ... | ... | ... | 1,816 |
| Municipal Staff | ... | ... | ... | ... | 3,225 |

The work of statistical record of out-patient Department and Admission and discharge data of Indoor patients has been taken on computer by Data Processing Section of the Corporation. From the data feed to the Computer Section we are getting various informations like alphabetical index, diagnostics index, operation index etc., and any other statistical information.

Anti Rabic Vaccination given during the year :

| New | Old | Total |
|-------|--------|--------|
| 6,431 | 15,900 | 22,331 |

SOCIAL SERVICE DEPARTMENT.

Following are the notable activities of the Social Service Deptt :

- (1) Library for the patients.
- (2) Teaching programme for bed ridden children. Social worker supervises the full time teacher.
- (3) Group sessions are continued with patients in some wards.
- (4) Free food to patients relatives is given through 'Sanjivani' Milk Powder Scheme is started for cleft lip and palate patients of ward 16. Free clothes are given to patients and their relatives. Needy patients families are helped by giving ration-Wheat and rice-once a month through Vishva Hindu Parishad.
- (5) Donation in form of medicines, appliances, Tricycles, Wheel chairs, waterbeds, etc. have been collected through various charitable organizations.
- (6) Entertainment programmes held in the wards. Social worker attached to Orthopaedic centre participated with our patients at Spot Meet and took them for Picnic.
- (7) Provided telephone booths to paraplegics and did follow up of patients with complaints of telephone booth.
- (8) Programme on balanced diet for female patients and mothers of indoor paediatric patients conducted regularly through Food Corporation on India.
- (7) Orientation regarding the working of our hospital and Social service deptt. in particular was given to the students from school of Social work on institutional visits.

The total no. of new cases referred to Social Service Department during the year are 5,496

Different types of services rendered :

| Type of Service . | No. of cases. |
|---|---------------|
| 1. Material aid medical aid such as appliances callpers medicines, milk, powder etc. | 2908 |
| 2. Social data | 807 |
| 3. Case work | 692 |
| 4. Rehabilitation | 138 |
| 5. Helped to discharge indoor patients when there is a problems .. | 100 |
| 6. Relatives of patients suffering from T. B. referred to OMTL for X-ray and B. C. G. vaccination | 233 |
| 7. Referred to other agencies & incidental | 244 |
| 8. Follow up | 254 |
| 9. Cases taken up for Research project | 100 |
| Total .. | 5,496 |

SETH DHURMAL BAJAJ ORTHOPAEDIC CENTRE & RESEARCH INSINSTITUTE

| | |
|-------------------------------------|-------|
| 1. New O.P.D. attendance | 26504 |
| 2. Old O.P.D. attendance | 24841 |
| 3. Total no. of X-rays taken | 15697 |
| 4. Total no. of Report X-rays taken | 7951 |
| 5. Myelograms done | 79 |
| 6. Arthrograms done | 8 |
| 7. Total No. of Operations (Major) | 1739 |
| 8. Total no. of Operations (Minor) | 4600 |

GYNAECOLOGY AND OBSTETRIC DEPARTMENT.

Obstetrics Cases & Operations

| | |
|---|------|
| Total No. of Confinements | 4343 |
| Total No. of Deliveries | 3893 |
| Booked cases | 3616 |
| Emergency cases | 277 |
| Full Term Normal Deliveries | 3127 |
| Abnormal | 766 |
| Premature | 277 |
| Still Born | 35 |
| Live Born | 277 |
| Abnormal Deliveries : | |
| (A) Abnormal presentations— | |
| —Face | 26 |
| —Brow | 3 |
| —Transverse lie | 13 |
| —Breech | 84 |
| (B) L. Seg. Caesarian Section | 282 |
| (C) Forceps Deliveries | 151 |
| (D) Vacumm Ext. | 30 |
| (E) Twins | 37 |
| (F) Cord Present/Prolapse | 6 |
| Placenta preavia | 6 |
| Accidental Haemorrhage | 3 |
| Abortions : | |
| Ist Trimester | |
| +IInd Trimester | |
| —Spontaneous | 92 |
| —M. T. P. | 358 |
| Family Planning | 1720 |
| Neonatal Deaths in full term babies | 25 |
| in premature babies | 111 |
| Maternal Deaths | 25 |
| Still births | 156 |
| in full term | |
| + premature | |
| Foetal Malformations | 74 |

Maternal Abnormalities :

| | |
|---------------------------------------|-----|
| Heart diseases with Pregnancy | 34 |
| Jaundice | 1 |
| Previous L. S. G. S. | 76 |
| B. O. E. with Pregnancy | 41 |
| Triplets | 1 |
| Eclmpasia | 23 |
| Pre-eclampsia | 187 |
| Asthma | 1 |
| Animia | 1 |
| Diabetis | 6 |

Gynaec Cases and Operations :

| | |
|----------------------------------|-------|
| Total No. of Admissions | 1,004 |
| Vag. Hysterectomy | 381 |
| Expl. Laparotomy | 91 |
| Abd. Hysterectomy | 110 |
| Forthergills | 28 |
| V. V. F. | 3 |
| Wertheims | 10 |
| Mayowards Hysterectomy | 18 |
| Cervicopexy | 23 |
| A. P. Repairs | 15 |
| Tuboplasty | 15 |
| Perineal tear Repair | 8 |
| Myomectomy | 10 |
| Gone Biopsy | 3 |
| Schauta's Hysterectomy | 2 |
| Le. Forts Operations | 4 |
| R. V. F. | 3 |
| Gauterization of Ex. | 2 |
| B. U. A. | 1 |
| Laparoscopy | 8 |
| Kelly's Stich | 3 |
| Abd. Cervicopexy | 1 |
| Vag. Hyst. A. P. Repair | 198 |
| Vaginal Plasty | 2 |
| Vag. Polypectomy. | 2 |
| Vault repair | 4 |
| Incisional Hernia Repair | 3 |
| Dig. Scopy. | 2 |
| Shirodkar's | 3 |
| Bilateraliliae 0 | 2 |
| Bartholin | 5 |
| Polypectomy | 3 |
| Recanalization | 1 |
| Ovarian Cyst. | 6 |
| Radical Vulvoctomy. | 1 |
| Mpdified forthergill | 5 |
| Vag. Hyst. Post Repair | 4 |
| Hysteroplasty | 1 |
| Miscell | 29 |

Cytopathology Department :**Cytology :**

| | |
|-------------------------------------|--------|
| Gynaec O. P. D. | 8995 |
| Antenatal | 3,304 |
| Family Planning Deptt. | 252 |
| Miscellaneous | 212 |
| Total | 12,765 |
| Fluid Cytology | 105 |
| Aspration of tumour i.. .. . | 193 |
| Endometrial aspiration | 73 |
| Gastroscopic Brush Biopsies | 45 |

Abnormal Cytology :

| | | | | | | | |
|--------------------|----------------------|----|----|----|----|----|----|
| Mild Dysplasia | .. | .. | .. | .. | .. | .. | 13 |
| Moderate Dysplasia | .. | .. | .. | .. | .. | .. | 22 |
| Severe Dysplasia | .. | .. | .. | .. | .. | .. | 26 |
| Suspicious | .. | .. | .. | .. | .. | .. | 16 |
| C. I. S. | .. | .. | .. | .. | .. | .. | 4 |
| Invasive Carcinoma | —Clinically negative | .. | .. | .. | .. | .. | 14 |
| | Clinically positive | .. | .. | .. | .. | .. | 61 |

Hystology :

| | | | | | | | |
|--|----|----|----|----|----|----|-----|
| Cervical Punch Biopsies | .. | .. | .. | .. | .. | .. | 56 |
| Cone Biopsies | .. | .. | .. | .. | .. | .. | 4 |
| Hysterectomies | .. | .. | .. | .. | .. | .. | 41 |
| Ovarian Tumour | .. | .. | .. | .. | .. | .. | 26 |
| Endometrial Biopsies | .. | .. | .. | .. | .. | .. | 337 |
| Vabra Aspiration | .. | .. | .. | .. | .. | .. | 67 |
| Miscellaneous | .. | .. | .. | .. | .. | .. | 85 |
| Products of Conception | .. | .. | .. | .. | .. | .. | 75 |
| Follow-up | .. | .. | .. | .. | .. | .. | 89% |
| Correlation between cytology and histology | .. | .. | .. | .. | .. | .. | 88% |

High Risk Pregnancy Clinic :

The special High Risk Pregnancy Clinic is run on Tuesday and Wednesday between 9-00 A.M. to 12-00 Noon.

The New patients registered and followed up in the Clinic were :

| | | | | | | | |
|--------------|----|----|----|----|----|----|-----|
| Rh-ve | .. | .. | .. | .. | .. | .. | 121 |
| B. O. H. | .. | .. | .. | .. | .. | .. | 626 |
| Hypertensive | .. | .. | .. | .. | .. | .. | 12 |
| V. D. R. L. | .. | .. | .. | .. | .. | .. | 6 |

Careful history thorough examination and investigations are carried out in the O. P. D. and the patients with toxemia, suspected incompetent O. S., diabetics, Rh immunisation etc. are admitted as and when necessary.

Dr. N. A. Purandare Research Centre :**I—Serology :**

| | | | | | | | |
|----------------------------------|----|----|----|----|----|----|-------|
| Blood group Rh | .. | .. | .. | .. | .. | .. | 6,000 |
| V. D. R. L. | .. | .. | .. | .. | .. | .. | 5,500 |
| Antibodies | .. | .. | .. | .. | .. | .. | 475 |
| Cord blood for DCT | .. | .. | .. | .. | .. | .. | 429 |
| Jaundice cases Rh & S. Bilirubin | .. | .. | .. | .. | .. | .. | 609 |
| Hb. estimation | .. | .. | .. | .. | .. | .. | 6,550 |

Total No. of endocervical cultures 1218

II—Microbiology :

| | | | | | | | |
|------------------------------------|----|----|----|----|----|----|-----|
| Trichomoniasis, Moniasia Screening | .. | .. | .. | .. | .. | .. | 468 |
| Culture of Hemolytic organism | .. | .. | .. | .. | .. | .. | 400 |

III—Biochemical :

| | | | | | | | |
|---------------------|----|----|----|----|----|----|-------|
| Blood sugar | .. | .. | .. | .. | .. | .. | 3,345 |
| G. T. C. | .. | .. | .. | .. | .. | .. | 339 |
| Creatinine | .. | .. | .. | .. | .. | .. | 943 |
| B. U. N. | .. | .. | .. | .. | .. | .. | 2,267 |
| Liver Function Test | .. | .. | .. | .. | .. | .. | 728 |
| Fibrinogen | .. | .. | .. | .. | .. | .. | 30 |
| Protein | .. | .. | .. | .. | .. | .. | 743 |
| Uric Acid | .. | .. | .. | .. | .. | .. | 801 |

(Quality Control Programme of Cellor Participating from June 1981.)

IV—Hormones Routine

| | | | | | | | |
|--------------------------------------|----|----|----|----|----|----|-------|
| Eneym Immuno Assay | .. | .. | .. | .. | .. | .. | 400 |
| H. C. G. Hormone Test | .. | .. | .. | .. | .. | .. | 1,040 |
| Estrogen and Creatinine. in H. R. P. | .. | .. | .. | .. | .. | .. | 48 |
| 17 Ketosteroides in Gynaec disorders | .. | .. | .. | .. | .. | .. | 48 |

Special Studies :

| | | | | | | | |
|----------------------------------|----|----|----|----|----|----|-------|
| Semen Analysis | .. | .. | .. | .. | .. | .. | 1,428 |
| Bar Bodiss in Endocrine patients | .. | .. | .. | .. | .. | .. | 55 |

Projects :

| | | | | | | | |
|--|----|----|----|----|----|----|-----|
| RH immunoglobulin Infection Trial in Rh Neg. women | .. | .. | .. | .. | .. | .. | 169 |
| A new Seriological ABO in compability in new borns | .. | .. | .. | .. | .. | .. | 430 |
| Technique for early diagnosis of Fetomaternal Hemorrhage study | .. | .. | .. | .. | .. | .. | 320 |
| Reserve Albumin Binding Capacity in neonates ny HABA | .. | .. | .. | .. | .. | .. | 250 |

Amniotic fluid study for fetal maturity :

| | | | | | | |
|-------------------------|-----|----|----|----|----|----|
| (i) Nile Blue Test | .. | .. | .. | .. | .. | 60 |
| (ii) Shake Test | H.. | .. | .. | .. | .. | 60 |
| (iii) Spectrophotometry | .. | .. | .. | .. | .. | 60 |
| (i) Creatinine | .. | .. | .. | .. | .. | 60 |

Endocrine O. P. D. :

| | | | | | | |
|--|----|----|----|----|----|------|
| Total No. of New Cases | .. | .. | .. | .. | .. | 330 |
| Primary Amenorrhoea | .. | .. | .. | .. | .. | 41 |
| Secondary Amenorrhoea | .. | .. | .. | .. | .. | 75 |
| Oligomenorrhoea | .. | .. | .. | .. | .. | 97 |
| Polymenorrhoea | .. | .. | .. | .. | .. | 16 |
| Hypomenorrhoea | .. | .. | .. | .. | .. | 18 |
| Menorrhagia | .. | .. | .. | .. | .. | 5 |
| Total No. of cases with Irrage, Menst. and Cycle | .. | .. | .. | .. | .. | 113 |
| Hirsutism | .. | .. | .. | .. | .. | 4 |
| Vaginal Smear | .. | .. | .. | .. | .. | 818 |
| Cervical Mucus | .. | .. | .. | .. | .. | 710 |
| Endometrial Biopsy | .. | .. | .. | .. | .. | 142 |
| Buccal Smear | .. | .. | .. | .. | .. | 55 |
| Semen Examination | .. | .. | .. | .. | .. | 1428 |
| 17 Ketosteroids | .. | .. | .. | .. | .. | 48 |
| Induction of Ovulation | .. | .. | .. | .. | .. | 69 |
| Precocious Puberty | .. | .. | .. | .. | .. | 1 |
| Galactorrhoea | .. | .. | .. | .. | .. | 2 |
| Sterility Primary | .. | .. | .. | .. | .. | 113 |
| Sterility Secondary | .. | .. | .. | .. | .. | 22 |
| Sysmenorrhoea | .. | .. | .. | .. | .. | 2 |

M. T. P. Sections :

| | | | | | | |
|---|----|----|----|----|----|------|
| Total M. T. P. | .. | .. | .. | .. | .. | 1392 |
| Second Trimester | .. | .. | .. | .. | .. | 287 |
| Menstrual regulation studies (Including in 1st trimester) | .. | .. | .. | .. | .. | 230 |
| Out-patient suction evacuation of 1st trimester M. T.P. | .. | .. | .. | .. | .. | 813 |
| Mid-trimester termination of pregnancy : | .. | .. | .. | .. | .. | 49 |

Prostaglandins :

| | | | | | | |
|--|----|----|----|----|----|-----------|
| Intra-amniotic PGFL a 50mg. and 15 Methyl PGF@ 2.5 | .. | .. | .. | .. | .. | 20 |
| Cancer Cytology in M. T. P. Cases | .. | .. | .. | .. | .. | All cases |
| Sulprostone injection | .. | .. | .. | .. | .. | 13 |
| I. M. Prostaglandins/SE | .. | .. | .. | .. | .. | 49 |

Oral Contraceptive Centre

| | Oral pills | Cut | Multiload | Net Inj. | LP |
|--|------------|------|-----------|----------|-----------|
| Total No. of new patients | 139 | 309 | .. | 150 | 270 |
| No. of cases continuing at the end of the year | 602 | 1830 | 713 | 273 | 339 |
| No. of cases closed during the year | 175 | 204 | 66 | 38 | 101 |
| Cytology taken | .. | .. | .. | .. | All cases |

Post Partum Programme :

| Months | Vasectomy | Tubectomy | I. U. C. D. | M. T. P. |
|-----------|-----------|-----------|-------------|----------|
| January | 2 | 101 | 57 | 105 |
| February | 5 | 71 | 68 | 126 |
| March | 10 | 127 | 67 | 135 |
| April | 4 | 89 | 53 | 141 |
| May | 5 | 96 | 59 | 124 |
| June | 2 | 89 | 48 | 107 |
| July | 9 | 94 | 31 | 106 |
| August | 5 | 81 | 33 | 91 |
| September | 1 | 53 | 40 | 122 |
| October | 8 | 93 | 55 | 111 |
| November | 4 | 102 | 35 | 109 |
| December | 9 | 98 | 42 | 115 |
| Total | 64 | 1094 | 588 | 1392 |

C. V. T. C. Laboratory Section :

The Cardio-Vascular and Thoracic Centre and Laboratory has following sections :-

- (1) Clinical Pathology.
- (2) Clinical Biochemistry.
- (3) Histopathology.
- (4) Research Section.

The tests which have been carried out in the laboratory during the year 1982 were as follows :
CLINICAL PATHOLOGY SECTION :

| | No. of samples | No. of Tests |
|--|----------------|---------------|
| (a) Complete Haemogram. (Haemoglobin WBC, Total & differential Count PCV, & ESR) | 8272 | 41360 |
| Malarial parasites | 29 | 29 |
| Lupus Erythematosus (L. E. Chen) | 76 | 76 |
| (b) Routine analysis of Urine, Stool, Sputum & body Fluid including microscopic examination. | | |
| Urine | 2929 | 8787 |
| Stool | 2628 | 5256 |
| Sputum | 1920 | 1820 |
| Pleural Fluid | 27 | 27 |
| | 15,781 | 63,213 |

| BIOCHEMICAL SECTION : | No. of Samples | No. of Tests |
|--|----------------|---------------|
| (a) Liver Functions Test | 3,471 | 20,874 |
| Alkaline Phosphatase | 142 | 142 |
| Acid Phosphatase | 10 | 10 |
| Prothrombin Time | 2,011 | 2,011 |
| Clotting time | 1,028 | 1,028 |
| Bleeding time | 913 | 913 |
| E. P. P. | 100 | 100 |
| Serum Glutamic Oxalacetis Transaminase | 4,549 | 4,549 |
| Serum Glutamic Pyruvate Transaminase | 4,548 | 4,548 |
| Serum Amylase | 4 | 4 |
| (b) Carbohydrate metabolism— | | |
| Blood Sugar | 5,284 | 5,284 |
| Urine Sugar (Quantitative & Qualitative) | 779 | 779 |
| (c) Kidney Function Tests— | | |
| Blood Urea Nitrogen | 6,501 | 6,501 |
| Creatinine | 2,136 | 2,136 |
| Uric Acid | 323 | 323 |
| (d) Lipid Profile— | | |
| Total Cholesterol | 1,997 | 1,997 |
| Triglycerides | 1,997 | 1,997 |
| (e) Serum Electrolytes— | | |
| (Sodium, Potassium & Chlorides) | 12,583 | 37,749 |
| Calcium (Ca) | 111 | 111 |
| Phosphorous (P) | 87 | 87 |
| | 38,582 | 82,646 |

| HISTOPATHOLOGY SECTION : | |
|--|------|
| (1) Surgical SP. received and Processed | 510 |
| (2) Surgical Slides stained | 1120 |
| (3) Autopsy specimens received & Processed | 347 |
| (4) Whole lung sections proceeded | 11 |
| (5) Cytology samples processed | 395 |
| (6) Cytology slides stained | 1185 |
| (7) P. M. sections processed | 4500 |
| (8) P. M. slides stained | 9200 |

IV Research Section :

| | |
|---|------|
| 1. Test for R-A factor | 225 |
| 2. Study of Lipid fraction | |
| (a) HDL Cholesterol | 1997 |
| (b) VLDL Cholesterol | 1997 |
| (c) VLDL Triglyceride | 1997 |
| 3. Lipoprotein electrophoresis | 1997 |
| 4. 4-hydroxy - Methoxy (VMA) | 30 |
| 5. Immunoglobuline (IgG, IgM, IgA) | .. |
| 6. Estimation of Serum isoenzymes | |
| (a) LD—Total | |
| Lactate dehydrogenase | 498 |
| (b) LD—Total | |
| Lactate dehydrogenase - Thermo stable | 133 |
| 7. HBD | |
| Hydroxybutyrate dehydrogenase | 85 |
| 8. (a) CK Total | |
| Creatine Kinase | 961 |
| (b) CK - MB | |
| Creatine Kinase - MB | 642 |
| 7. R. B. C. | 12 |
| 10. Sweet cholorides | 7 |

Immunology Laboratory work in 1982:

| | | |
|--|-------------------|----|
| The following number of tests were performed | | |
| — Phagocytosis | 47 | |
| — Chemotaxis | by agarose method | 47 |
| | Modified Boyderis | 7 |
| — NBT aualitative | | 47 |
| — T & B Cell counts | | 40 |
| — MIF assay | | 10 |
| — LTT assay | | 12 |

E. N. T. DEPARTMENT, SPEECH THERAPY AND AUDIOLOGY

| | | | | | | |
|-----------------|--------------------------|----|----|----|----|------|
| Audiology cases | New | .. | .. | .. | .. | 3075 |
| | Follow up | .. | .. | .. | .. | 1212 |
| | Impedance | .. | .. | .. | .. | 1960 |
| | Bequesy | .. | .. | .. | .. | 105 |
| | Glycerol | .. | .. | .. | .. | 203 |
| | Total cases : .. | .. | .. | .. | .. | 6555 |
| Speech cases | New | .. | .. | .. | .. | 292 |
| | Regular Therapy sessions | .. | .. | .. | .. | 2212 |
| | Total cases : .. | .. | .. | .. | .. | 2504 |
| Total ENG cases | .. | .. | .. | .. | .. | 985 |
| Total CCG cases | .. | .. | .. | .. | .. | 84 |

TUMOUR CLINIC

This clinic continues to offer the following services to hospital patients :

- (1) Planning the treatment.
- (2) Management of advanced cancer cases.
- (3) Follow up of operated patients.

About 500 patients were seen on out-patient Department and 250 patients were seen in indoor departments during the year Indigenous drugs trials are undertaken for advanced cases. The clinic has no grants from any sources.

DEPARTMENT OF MEDICINES.

The Department of Medicine comprises of three full-time and three Honorary Units. The following sections are under the Head of the Department of Medicine :

(1) Nephrology (2) Gastroenterology (3) Haematology (4) Division of Endocrinology and Metabolic Disorders. (5) Tentanus (6) Rheumatology and (7) Nuclear Medicine.

Dr. (Smt.) V. N. Acharya continues to Head the Department of Medicine. The Department has its own laboratory (No. 44) and Applied Biology Laboratory (No. 26) under the supervision of Dr. B. S. Kulkarni, Professor of Clinical Chemistry, The Nuclear Medicine Laboratory under Dr. G. H. Tilve performs various organ scans as a service facility.

The Haematology Laboratory forms a section of the J. C. Patel Haematology Laboratory and continues to work in both the fields of research and patient care.

The Renal Unit runs two clinics a week for prevention and management of chronic renal disease. A total of 1961 of dialyses were performed on 363 patients throughout the year. Of these 1782 were hemodialysis and 179 peritoneal dialyses. The haemodialysis service has been improved with the addition of extracorporeal D. P. M. and by the aquisition of disposable dialysers in addition to the (ii) model. The hemoperfusion cartridge has been used with effect for patients with barbiturate poisoning.

Department of Gastroenterology was taken over by Dr. S. R. Naik, Reader in Medicine, in June, 1982.

Total number of beds for Gastroenterology is now 24. In addition to the Monday afternoon OPD, a morning Clinic on Thursday for all new cases was introduced. After appropriate Work-up such patients are either sent back to referring doctors or transferred to the follow-up clinic on Monday afternoon. Endoscopies are performed 4 times a week in collaboration with the Department of Surgery. In total 600 upper G. I. Endoscopies, 150 sigmoidoscopies, and 10 colonoscopies were performed. The teaching and service programme now includes a weekly histology meeting and service programme now includes a weekly histology meeting, a medico-surgical meeting, a post- M. O. doctors' beside demonstration and a journal club. In addition to these, the weekly Radiology meeting continues.

Dr. S. R. Naik received two awards on the basis of his research work : (i) Unichem Gastroenterology Lectureship from API, (ii) Searle award for the best paper presented to the Indian Society of Gastroenterology. The work identified a protective effect of RNA derived from amoebae against a virulent entamoeba histolytica infection in guinea pigs.

The Division of Endocrinology and Metabolic Disorders saw total of 2,298 new patients and 13,295 old patients through out the year.

The department is in receipt of a grant from the wellcome Trust for Research into "Diabetes in the Tropics".

A Laboratory Manual on Radioimmuno assay was brought out by Dr. S. D. Bhandarkar and Mr. M. R. A. Pillai and published by A. B. A. R. C. Trombay.

The Tetanus Unit admitted 360 cases and suffered a overall mortality of 28% throughout the year. The major thrust of research work continues to centre on a single dose vaccine for the prevention of neonatal tetanus which is to be given to pregnant mothers in the last trimester of pregnancy. This project has now been taken up by the I. C. M. R. in its expanded programme of immunization.

The Department of Nuclear Medicine undertakes a variety of studies of which brain scans (1231), Liver scans (1025), and Charcoal T3 uptake studies (30) featured most prominently.

Rheumatology Clinic continues to function on Saturday mornings. Its aims are to elucidate the various arthritides seen in clinical practice and also to examine new therapeutic agents. Levamisole which is a modulator of the immune system is being tried with moderate success in rheumatoid arthritis. Sacroiliac joint scanning is being assessed for its value in detection and prognosis of ankylosing spondylitis.

Renal Unit and the Artificial Kidney Division :

The Nephrology Unit which looks after the preventive aspects of renal disease and renal failure is run by appointment twice a week on Mondays and Thursdays. The Clinic saw 305 patients during the year 1982. Bacteriology of urine, diet advised, and certain immunological tests were done on the spot for all the patients attending this clinic.

A total of 100 kidney biopsies were done in the clinic, many patients were referred as emergency cases for consideration for dialysis by various units of this hospital and from the city of Bombay, various cities of Maharashtra and neighbouring states. A total of 1761 dialyses were performed on 363 patients during this year. 1782 hemodialyses and 179 peritoneal dialyses.

| | Actute | Poisoning | Snake Bite | Schizophrenic | Chronic |
|---------------------|--------|-----------|------------|---------------|---------|
| Haemodialysis | 143 | 20 | 3 | 1 | 1,597 |
| Peritoneal Dialysis | 44 | 1 | .. | .. | 84 |

The hemodialysis Service has been markedly improved with the addition of Extracorporeal D.P.M. System which can dialyse 5 patients simultaneously besides using the Drake-Willock single patient systems. Besides the already existing Kill dialysers, disposable dialysers like the hollow fibre and Gambro dialysers have been used on patients with intoxication and others with jaundice who otherwise could not receive haemodialysis for fear of hepatitis transmission.

The hemoperfusion cartridge which consist of activated charcoal granules coated with cellophane is used for barbiturate patients with very good results,

The training programme for doctors, nurses and technicians were conducted as usual to include theory as well as practical demonstration. Each course was spread over a period of 3 months.

A method known as "modified sequential hemodialysis" was put to use with very good results on patients under going hemodialysis. Two patients underwent a kidney transplant with success and are doing well thus bringing the total number of transplants done at this institution to 18.

The Division of Endocrinology and Metabolic Disorders :

The Division gave service to out-patients as under,

| | New patients | Old patients |
|---------------------------|--------------|--------------|
| Diabetes Clinic | 734 | 11148 |
| Endocrinology Clinic | 1442 | 2000 |
| Puberty and Growth Clinic | 122 | 137 |
| Total | 2298 | 13,295 |

The Division treated 258 patients as inpatients. the year.

The Laboratory of the Division give service to patients as shown in the Appendix.
A detailed ward round was taken by Dr. S.D. Bhandarkar, Honorary Professor and Honorary Physician in-charge, every Wednesday as a part of the teaching programme. A journal review club was held twice a week.

| Test | Number | | |
|--|--------------|------------|------------|
| Blood sugar | 13054 | | |
| Urine sugar | 2836 | | |
| Urine albumin | 675 | | |
| Urine routine | 1114 | | |
| Urine a cetone | 108 | | |
| Urine bile pigments | 19 | | |
| Hemoglobin | 1035 | | |
| E. S. R. | 1000 | | |
| W. B. C. Count | 1007 | | |
| Serum Proteins | 881 | | |
| Blood Urea Nitrogen | 928 | | |
| Serum Cholesterol | 1030 | | |
| Serum Creatinine | 166 | | |
| Creatinine Clearance | 66 | | |
| Acid Load Test | 24 | | |
| Water Load Test | 9 | | |
| Osmolality | 232 | | |
| Barr Body Determent | 77 | | |
| Total | 24117 | | |
| Radioisotope Laboratory : | | | |
| 1 Charcoal T3 uptake studies | 930 | | |
| 2 Radioiodine uptake test | 600 | | |
| 3 Thyroid Scan | 390 | | |
| 4 Brain scans | 2131 | | |
| 5 Liver scans | 1025 | | |
| 6 Kidney scans | 79 | | |
| 7 Bone scans | 64 | | |
| (8) Cerebral Blood Flow studies | 21 | | |
| (9) Hepatobiliary scans | 12 | | |
| (10) I-131 Therapy doses | 50 | | |
| (11) Preparation of Tracer Doses | 607 | | |
| (12) Preparation of Lyophilized kits of Phytate | 155 | | |
| (13) Preparation of Lyophilized kite of Glucoheptonate | 23 | | |
| (14) Preparation Lyophilized kits of EHDP | 21 | | |
| (15) Preparation of Lyophilized kits of pyrophosphate | 36 | | |
| (16) Preparation of Lyophilized kits of DTPA | 12 | | |
| (17) Endocrine O.P.D. —New patient | 1442 | | |
| —Old Patient | 2000 | | |
| Endocrine O. P. D. | | | |
| Old patients | 1442 | | |
| New patients | 2000 | | |
| Dr. J. C. Patel Haematology Department : | | | |
| Investigations | Nos. | | |
| 1 Complete Blood Count | 8765 | | |
| 2 Erthrocytes Sedimentation Rate | 761 | | |
| 3 Bone Marrow aspiration Biopsy | 611 | | |
| 4 L. E. Test | 308 | | |
| 5 Bone-marrow Iron Staining | 597 | | |
| 6 Urine Hemosiderin | 161 | | |
| 7 Serum Iron | 1366 | | |
| 8 Total Iron Binding Capacity | 1365 | | |
| 9 Red Blood Cell Fragility | 1397 | | |
| 10 Sickling | 1397 | | |
| 11 Foetal Haemoglobin | 1397 | | |
| 12 Haemoglobin Electrophoresis | 1421 | | |
| 13 Sucrose lysis | 371 | | |
| 14 Clotting Time | 356 | | |
| 15 Bleeding Time | 356 | | |
| 16 Prothrombin Time | 315 | | |
| 17 Clot Retraction Time | 356 | | |
| 18 Thrombin Time | 130 | | |
| 19 Platelets Count | 125 | | |
| 20 Thromboplastin Ceneration Test | 327 | | |
| 21 Partial Thromboplastin Time with Kaolin | 408 | | |
| 22 A. H. G. level | 30 | | |
| (23) Factor-XIII | 408 | | |
| (24) Urine Routine | 50 | | |
| (25) Australia Antigen | 7 | | |
| (25) Australia Antigen. | 7 | | |
| (26) Bilirubin | 10 | | |
| (27) L. F. T. | 5 | | |
| Patients attending Hematology Department during the year 1982 : | | | |
| | Total | New | Old |
| O. P. D. Patients | 5823 | 2212 | 3611 |
| Indoor Patients | 237 | | |

Biochemical Section of Deptt. of Medicine & Surgery
Laboratories 44, 45, & 26—

| | | | | | | |
|---|----|----|----|------------|----|----------|
| Biochemical (Routine | .. | .. | .. | .. | .. | 1,54,562 |
| BUN | .. | .. | .. | .. | .. | 10,800 |
| Creatinine | .. | .. | .. | .. | .. | 16,800 |
| Proteins (Alb. & Glob.) | .. | .. | .. | .. | .. | 16,800 |
| Serum uricaeid | .. | .. | .. | .. | .. | 3,206 |
| Urine uric acid | .. | .. | .. | .. | .. | 1,120 |
| Bilirubin (total and direct) | .. | .. | .. | .. | .. | 16,800 |
| Enzyme (SGPT) | .. | .. | .. | .. | .. | 7,060 |
| (SGOT) | .. | .. | .. | .. | .. | 5,240 |
| Sugar | .. | .. | .. | .. | .. | 8,060 |
| Calcium | .. | .. | .. | .. | .. | 1,500 |
| Phosphorus | .. | .. | .. | .. | .. | 1,500 |
| Alk. Phosphatase | .. | .. | .. | .. | .. | 1,560 |
| Electrolytes Na- | .. | .. | .. | .. | .. | 18,620 |
| Kt. | .. | .. | .. | .. | .. | 18,620 |
| Cl- | .. | .. | .. | .. | .. | 18,620 |
| HCO ₃ | .. | .. | .. | .. | .. | 1636 |
| Serum Cholesterol | .. | .. | .. | .. | .. | 580 |
| Urine Chemistry | .. | .. | .. | .. | .. | 40 |
| Acid Phosphatase | .. | .. | .. | .. | .. | |
| (B) Hemotological Investigations (Routine) | | | | | | |
| WBC—T/D, RBC, Hb, PVC, ESR Rectic count, Platelet, count. | | | | | | 5,980 |
| (C) Routine Urine Estimations | | | | | | |
| (Sp. Gr. Alb. Sugar, Microscopic, Spectroscopic). | .. | .. | .. | .. | .. | 4,895 |
| (D) Stool examination and Sigmoidoscopy swab. | | | | | | |
| | .. | .. | .. | .. | .. | 986 |
| (E) Special Studies | | | | | | |
| (a) Creatinine Clerance | .. | .. | .. | .. | .. | 628 |
| (b) D-Xylose studies | .. | .. | .. | .. | .. | 40 |
| (c) Faecal fat | .. | .. | .. | .. | .. | 150 |
| (d) Gastric analysis | .. | .. | .. | .. | .. | 7 |
| (e) Osmolality (P of U.) | .. | .. | .. | .. | .. | 490 |
| (f) Blood and urine barbiturate | .. | .. | .. | .. | .. | 196 |
| (g) Blood ammonia | .. | .. | .. | .. | .. | 42 |
| (h) Acid load test | .. | .. | .. | .. | .. | .. |
| (i) Methamoglobin | .. | .. | .. | .. | .. | 58 |
| (j) Fibrinogen | .. | .. | .. | .. | .. | 58 |
| (k) Prothrombin time | .. | .. | .. | .. | .. | 845 |
| (l) Serum amylas | .. | .. | .. | .. | .. | 32 |
| (m) Serum EPP | .. | .. | .. | .. | .. | .. |
| (n) Serum Iron and Iron binding capacity | .. | .. | .. | .. | .. | 25 |
| Laboratory No. 26 : | | | | | | |
| (1) Urine culture and sensitivity done (total) | .. | .. | .. | .. | .. | 2,680 |
| (a) Bladder puncture samples | .. | .. | .. | .. | .. | 218 |
| (b) Mid-stream urine sample and catheter sample | .. | .. | .. | .. | .. | 2,462 |
| (2) Blood cultures done | .. | .. | .. | .. | .. | 28 |
| (3) Miscellaneous cultures | .. | .. | .. | .. | .. | 505 |
| Catheter tip | .. | .. | .. | .. | .. | 127 |
| Ascitic Fluid and pleural fluid | .. | .. | .. | .. | .. | 17 |
| Wound swabs | .. | .. | .. | .. | .. | 214 |
| Kidney biopsy fluid | .. | .. | .. | .. | .. | 16 |
| Peritoneal fluid | .. | .. | .. | .. | .. | 134 |
| (4) Antibody titre estimation | .. | .. | .. | .. | .. | 65 |
| (5) Immunoglobulin estimation | .. | .. | .. | .. | .. | 40 |
| (6) Au. Ag. and Au. Ab. detection | .. | .. | .. | .. | .. | 183 |
| (7) Alpha-Fotoprotein | .. | .. | .. | .. | .. | 10 |
| (8) Drug trial | .. | .. | .. | .. | .. | .. |
| (a) Trimethoprim+Nitrofurantoin | .. | .. | .. | .. | .. | .. |
| | | | | Short term | | .. |
| | | | | Long term | | 6 |
| (b) Trimethoprim+Sulphadizine | .. | .. | .. | .. | .. | .. |
| (c) Septran trial | .. | .. | .. | .. | .. | 3 |
| (d) Trimethoprim trial | .. | .. | .. | .. | .. | 10 |
| (e) Celatoxima trial | .. | .. | .. | .. | .. | 6 |
| (f) Netilmycin trial | .. | .. | .. | .. | .. | 20 |
| Total Number of investigations | | | | | | 172908 |

Department of Cardiology, K. E. M. Hospital

| Indoor Patients | Cardiac OPD Patients | | ECG Total |
|-----------------|----------------------|-----------|-----------|
| | New | Follow up | |
| 1237 | 3149 | 12614 | 31915 |

Intensive Cardiac Care Unit

| | | | | | | |
|---|---------------|-------|----|----|----|-------|
| Cases admitted Ward 32 | .. | .. | .. | .. | .. | 415 |
| ICCU | .. | .. | .. | .. | .. | 822 |
| Pacing - Temporary | .. | .. | .. | .. | .. | 91 |
| Permanent | .. | .. | .. | .. | .. | 18 |
| Pacemaker followups | .. | .. | .. | .. | .. | 91 |
| Echocardiography | .. | .. | .. | .. | .. | 1,358 |
| Vectrocardiography | .. | .. | .. | .. | .. | .. |
| ECGS. | ICCU | .. | .. | .. | .. | 7,700 |
| | Ward no. 32 | .. | .. | .. | .. | 2,800 |
| Treadmill stress test | .. | .. | .. | .. | .. | 112 |
| Cardioversions (AF & VF, V.T.S. V.T. .. | .. | .. | .. | .. | .. | 107 |
| Oesophageal ECGs | .. | .. | .. | .. | .. | 10 |
| Cardiogenic shocks | .. | .. | .. | .. | .. | 192 |
| Rehabilitation - Occupational Therapy | .. | .. | .. | .. | .. | 61 |
| | Physiotheraph | .. | .. | .. | .. | 302 |
| Isoprenaline & Atropine studies | .. | .. | .. | .. | .. | 14 |
| Arrhythmias | | Major | .. | .. | .. | 100 |
| | | Minor | .. | .. | .. | 890 |
| Vakil Institute of Cardiology | | | | | | |
| Cases admitted | .. | .. | .. | .. | .. | 687 |
| Echocardiograms | .. | .. | .. | .. | .. | 2,176 |
| Treadmill Stress Test | .. | .. | .. | .. | .. | 124 |
| Electrocardiograms | .. | .. | .. | .. | .. | 3,034 |
| Rehabilitation : | | | | | | |
| Occupational Therapy | .. | .. | .. | .. | .. | 208 |
| Physiotherapy | .. | .. | .. | .. | .. | 1,218 |
| Catheterization Data : | | | | | | |
| Cardiac Catheterization | .. | .. | .. | .. | .. | 141 |
| Coronary angio | .. | .. | .. | .. | .. | 21 |
| His Bundle Studies | .. | .. | .. | .. | .. | 10 |

UROLOGY DEPARTMENT

Work done in the Department of Urology during 1982 :—

| | | | | | | |
|-----------------------------|----|----|----|----|----|-------|
| Urology O.P.D. Attendance | .. | .. | .. | .. | .. | 3 850 |
| Andrology O.P.D. Attendance | .. | .. | .. | .. | .. | 1,478 |
| Indoor admissions | .. | .. | .. | .. | .. | 794 |
| Open Operations | .. | .. | .. | .. | .. | 597 |
| Endoscopies dignostic | .. | .. | .. | .. | .. | 950 |
| Turs | .. | .. | .. | .. | .. | 140 |
| Microsurgery | .. | .. | .. | .. | .. | 95 |
| Cryosurgery | .. | .. | .. | .. | .. | 8 |
| Renal Transplants | .. | .. | .. | .. | .. | 4 |

DEPARTMENT OF PLASTIC SURGERY

| | | | | | | |
|--|----|----|----|----|----|-------|
| (1) Weekly out-patient Clinic held every Thursday in the afternoon | .. | .. | .. | .. | .. | 750 |
| (2) Follow-up clinic conducted by the Honoraries staff thrice a week | .. | .. | .. | .. | .. | 1,562 |
| (3) Patients referred from other departments to this department | .. | .. | .. | .. | .. | 548 |
| (4) The feeding guidance clinic held every Sunday morning for Cleft Lip and palate patients. | .. | .. | .. | .. | .. | 102 |
| (5) Keloid Clinic for Kenacort Injection held every Thursday in the morning. | .. | .. | .. | .. | .. | 258 |
| (6) Patients referred from the Casualty department | .. | .. | .. | .. | .. | 2,089 |
| (7) Indoor patients admitted to Ward Nos. 16 & 16A | .. | .. | .. | .. | .. | 430 |
| (8) Tre: ted in Burns ward | .. | .. | .. | .. | .. | 147 |
| (9) Operative procedures carried out in P. S. T. | .. | .. | .. | .. | .. | 804 |
| (10) Emergency procedures carried out in J. M. T. by our Residents | .. | .. | .. | .. | .. | 1,522 |
| (11) Outdoor dressings carried out in the department | .. | .. | .. | .. | .. | 3,171 |

DEPARTMENT OF CHEST MEDICINE

There were 1,795 new cases registered in Chest and Pneumoconiosis Clinic, 13,004 old cases attended for the regular follow up, in addition. Therewere 771 inpat ients admitted in the year 1982 of which 227 were given intensive care. The intensive respiratory care facility has been formally commissioned in form of unit with new ventilators, monitors, isolated cubicles, air conditioning, and special nursing. The unit is fully operational now. The attendance in pneumoconiosis and allergy clinic was 582 in 1982. Allergy testing was done on 68 patients, lung surgery was performed 58 cases in 1982. The work load of pulmonary function lab is given as follows :—

| | Blood Gas | | | P.F.T. | |
|------------|--------------|--------------|---------------|-----------------------|----------|
| | Ward Samples | Art Puncture | Cath iSamples | Old & Indoor Patients | Research |
| 1982 | 3,605 | 103 | 1,824 | 935 | 450 |

AIR POLLUTION HEALTH SURVEY UNIT

During 1982 specialised studies of radio Aerosol Lung Scanning in (25 subjects), histamine hypersensitivity in (29 subjects) prolonged follow up in 258 with chronic bronchitis and analyses of Carboxyhaemoglobin levels in relation to traffic density in (173 patients), (30 normals). 1,178 community subjects were completed. The definitive analyses were done for final report of the work carried out between 1977-82. Total out of 13 sections, 10 sections have been completed. The work on remaining three sections is to be processed on computer. Follow up analyses of lung function and clinical progress on 50 cases of Bronchial Asthma is being carried out. In addition a clinical and physiologic study of 124 workers exposed to nitric acid fumes was completed.

Department of Paediatric Medical :

| | | |
|---------------------|--------------------------|-------|
| Indoor patients : | | 2,846 |
| Out-door patients : | | 8,812 |
| New borns | Total No of Live Births | 3,774 |
| | Total No of Still Births | 150 |
| Perinatal mortality | per 1000 | 73.1 |

Urban Health Programme :

Under this programme comprehensive care is provided to infants and under six clinics conducted for treatment of minor ailments, developmental assessment, immunization, nutrition advice, education nutritional supplementation etc. at following centres :-

(1) Malvani slum Welfare Centre Unit I and P. S. M. Dept. consultancy service provided by visiting Paediatrician every Wednesday afternoon.

(2) Prabhadevi Child Welfare Centre : Unit II

(3) Naigaum child Welfare Centre : Unit III

In addition to comprehensive health care, nutrition classes and Milk distribution has been done regularly.

School Health Clinic :

Under this programme, children from Municipal Schools in the 'F' and 'G' wards are transported to K. E. M. Hospital for regular check-up, investigations and treatment.

Paediatric Research Laboratory (PRL) :

The laboratory continued to make progress. Special investigations relevant to the diagnosis of genetic disorders continue on a specialised referral service basis.

New research projects study of neurodegenerative disorders and study of oculocutaneous albinism have been taken up. Standardization for methodology for two more leucosidase enzymes—Beta glucosidase and sphingomyelinase has been attempted standardisation of method for the diagnosis of San Eillipo disease Type II-B, a rare mucopolysaccharidosis.

In December 1982, preparations were made to attempt the first prenatal diagnosis, on a second pregnancy of a mother of an index case of Tay-Sachs Disease, in co-operation with the M.T.P. department and radiology department (Ultrasonography). Results of enzymes study on amniotic fluid and amniotic cell indicated that the fetus was probably normal. Culture of cells failed as CO2 incubator facilities are not ideal. The pregnancy is continuing and it is hoped that blood analysis of the newborn will be normal, with due risks explained to the parents, being a very preliminary attempt.

The laboratory, between June and December 1982, has been the prestige of being recognised for M.Sc. and Ph.D. in Applied Biology under the Professorship of Dr. N.B. Kumta, who will now have students for the above degree working in the laboratory. The Dean of the faculty of Science and a committee member visited P.R.L. on 5th August 1982 and recommended that the lab. be recognised, and were thoroughly impressed with the facilities available.

Unit-I (Dr. N.B. Kumta) :

No. of Triple and Polio Given in 1982 :—

| | |
|------------|-------|
| Triple | 1,589 |
| Oral Polio | 1,609 |

Attendance in Well Baby Clinic :—

| | |
|--------------|-------|
| New Patients | 746 |
| Old Patients | 1,684 |

| Premature | | Forceps | | LSCS | | Breech | | MIS | |
|-----------|-----|---------|-----|------|-----|--------|-----|-----|-----|
| New | Old | New | Old | New | Old | New | Old | New | Old |
| 112 | 182 | 89 | 64 | 106 | 116 | 17 | 12 | 41 | 69 |

| Total No. of Admissions | No. of Deaths in Ward | | No. of Deaths in I.C.U. | | No. of PMs Advised | % Mortality |
|-------------------------|-----------------------|---------------|-------------------------|---------------|--------------------|-------------|
| | Within 24 Hrs. | After 24 Hrs. | Within 24 Hrs. | After 24 Hrs. | | |
| 928 | 29 | 28 | 43 | 20 | 67 | .. |

Unit-II (Dr. M.D. Shah) :

No. of Triple and Polio given :—

Triple : 1,149.

Polio : 1,158.

Total Attendance : 1,727.

PCC (Asthma) : 752 Patients.

Chest O.P.D. (T.B. Paediatrics) : 774.

| Total Admissions | Total Death | Death within 24 hours | Death After 24 hours | Post-Mortem done |
|------------------|-------------|-----------------------|----------------------|------------------|
| 821 | 90 | 37 | 53 | 62 |

Diabetic O.P.D. Attendance : 38.

Paediatric O.P.D. Attendance : 2,463.

Unit-III (Dr. P.W. Kondoth) :

Attendance at Nephrology and Rheumatology Clinic :—

Total Attendance : 850.

Rheumatic Patients : 620.

Nephrotic syn. : 230.

| No. of Deaths | No. of P.M. Examinations | % of Autopsy |
|---------------|--------------------------|--------------|
| 138 | 68 | 49.27% |

| Admissions | | | Deaths | | Total | Transfer | Discharged |
|------------|-------|-------|----------------|---------------|-------|----------|------------|
| M/Ch. | F/Ch. | Total | Within 24 hrs. | After 24 hrs. | | | |
| 683 | 422 | 1,105 | 52 | 86 | 138 | 13 | 955 |

O.P.D. Attendance : 38,812.

Well Baby O.P.D. Attendance : 1,232.

| Full Term Normal | Forceps | Vaccum | L.S.C.S. | Preterm | Still Birth | Deaths | |
|------------------|---------|--------|----------|---------|-------------|---------|---------|
| | | | | | | Preterm | F. Term |
| 1,463 | 66 | 14 | 146 | 152 | 63 | 69 | 11 |

No. of Polio and Triple given :—

Triple : 1,945.

Polio : 2,294.

| | | | | | | | |
|---------------------|----|----|--------|------------------|----|----|-------|
| Milk Attendance | .. | .. | 36,237 | Protilit N.A. | .. | .. | 2,364 |
| Health Talk Class | .. | .. | 38 | Vit. A | .. | .. | 3,487 |
| Mother Present | .. | .. | 975 | Vit. D-2 | .. | .. | 342 |
| Nutrition Class | .. | .. | 33 | Meask Vacci | .. | .. | 91 |
| Mother Present | .. | .. | 882 | B.C.G. Vaccine 3 | .. | .. | 1,751 |
| Total Clinic Visits | .. | .. | 843 | Family Planning | .. | .. | 66 |
| Total Home Visits | .. | .. | 615 | | | | |

DEPARTMENT OF NEUROLOGY

The Neurology department runs two out patients in each neurology and epilepsy out patients. These continue to be well attended and becoming popular. The department has patients not only from Bombay but from all over India and abroad:

The E. E. G. department has functioned well and has recovered 719 graphs in 1982-83.

Research work is in full progress and papers continued to be presented at various medical conference.

| | | |
|------------------------|----|------|
| Neurology New O. P. D. | .. | 1101 |
| Neurology New O. P. D. | .. | 337 |
| Neurology In-patients | .. | 1072 |
| E. E. G. taken | .. | 719 |

NEURO-SURGERY DEPARTMENT

The department continues to attract patients from a wide draining area ranging from Uttar Pradesh and Chandigarh to Karnataka and Kerala. The availability of highly specialised equipment and the expertise for the performance of procedures such as selective angiography, therapeutic embolisation, microvascular anastomoses and trans-sphenoidal surgery on sellar and parasellar lesions make this centre a major neurosurgical referral unit.

Microscopic surgery, in general, has now been carried out almost a routine for some years and the accuracy and safety of complex, delicate operations highly enhanced.

As a consequence of the theatre shutdown, the number of operations performed during the year is very small during the shutdown. Our patients were fully investigated here and transferred to the Sion, Nair or J.J. Hospitals for surgery through the courtesy of the consultants at those centres.

Out-patient service at the R.N. Cooper Hospital :

This service continues to prove of help to patients attending this Suburban Hospital. We have ensured that each of our consultants attends the weekly outpatients in rotation and have been able to ensure unbroken attendance. Whilst patients with urgent neurosurgical problems benefit not, those with slowly progressive lesions also receive the benefit of specialist advice and often from transfer and definitive investigation, therapy at the K.E.M. Hospital. All seriously ill individuals needing urgent neurosurgery are transferred at once to this hospital.

Out-patients :

| Sex | New Attendance | Old Attendance | Total Attendance |
|----------------------|----------------|----------------|------------------|
| Male | 1,123 | 1,436 | 2,559 |
| Female | 313 | 402 | 715 |
| Male Child | 624 | 828 | 1,452 |
| Female Child | 200 | 197 | 397 |
| Total .. . | 2,260 | 2,863 | 5,123 |

In-patients :

| Sex | Admissions | Discharge | Deaths |
|----------------------|------------|------------|-----------|
| Male | 309 | 293 | 16 |
| Female | 53 | 52 | 1 |
| Male Child | 162 | 156 | 6 |
| Female Child | 44 | 44 | .. |
| Total .. . | 568 | 545 | 23 |

Investigations during the year 1982 : 1902.

Operations performed during the year 1982 : 256 (N.S. O.T. closed down from 13-11-1 81 to 8-9-1982).

DEPARTMENT OF DERMATOLOGY AND VENEROLOGY

D'agnostic classification of the V. D. cases, during the year 1982 :

| | |
|----------------------------------|-------------|
| Syphilis | 365 |
| Gonorrhoea | 226 |
| Chancroid & others | 646 |
| Lymphogranuloma venereum | 71 |
| Granuloma Inguinale | 13 |
| N. G. U. | 12 |
| Under Investigation. | 476 |
| Total .. . | 1809 |

Sexwise classification of new S. T. D. cases.

| Male | Female | Children | Total |
|------|--------|----------|-------|
| 1712 | 89 | 8 | 1809 |

Total (New and Old) cases treated during the Year 82. :

| New cases | Old cases | Total |
|-----------|-----------|-------|
| 1809 | 1988 | 3797 |

Following are the figures showing Smears, Biopsies, Allergy patchtests etc., done during the year 1982 :

| | |
|-------------------------------------|-------------|
| Urethral smear, TS/PS/VS/CS | 678 |
| Urine examination. | 49 |
| Blood examination. | 25 |
| Biopsy | 773 |
| Allergy patch tests. | 79 |
| Total : .. . | 1586 |

Statistics of Patients treated in the Leprosy Department, during the year 1982 :

| | |
|---|-----|
| New patients registered at K. E. M. Hospital. | 533 |
| Repeated patients. | 207 |
| Referred from A. I. H. | 12 |
| Patients from T. B. R. | 37 |
| Patients from N. B. R. | 157 |

Analysis of New patients :

| | Tuberculoid | Intermediate | Lepromatous | Total |
|---------------------|-------------|--------------|-------------|------------|
| Male | 273 | 29 | 05 | 307 |
| Female | 143 | 8 | 1 | 152 |
| Children. | 74 | .. | .. | 74 |
| Total : .. . | 490 | 37 | 6 | 533 |

Analysis of Old patients :

| | Tuberculoid | Intermediate | Lepromatous | Total |
|----------------------------|-------------|--------------|-------------|-------------|
| Male .. | 1348 | 245 | 138 | 1731 |
| Female .. | 668 | 59 | 39 | 766 |
| Children .. | 168 | 2 | .. | 170 |
| Total .. | 2184 | 306 | 177 | 2667 |
| Total attendance .. | .. | .. | .. | 10929 |
| Working days .. | .. | .. | .. | 140 |
| Average per working day .. | .. | .. | .. | 78 |
| Bact. Smear done. .. | .. | .. | .. | 622 |
| Positive .. | .. | .. | .. | 133 |
| Negative .. | .. | .. | .. | 489 |
| Sweat function. .. | .. | .. | .. | 170 |

Diagnostic Classification of New & Old Cases :

| Diagnosis | New Cases | Old Cases | Total |
|------------------------------|---------------|---------------|---------------|
| (1) Acnevulgaris .. | 335 | 200 | 535 |
| (2) Bacterial Eczema .. | 208 | 189 | 397 |
| (3) Other Allergy .. | 314 | 410 | 724 |
| (4) Alopecia .. | 169 | 196 | 365 |
| (5) Defeciency Dermatoses .. | 98 | 134 | 232 |
| (6) Furunculosis .. | 185 | 149 | 334 |
| (7) Fissures in Soles .. | 199 | 106 | 305 |
| (8) Herpes Zoster .. | 167 | 120 | 287 |
| (9) Leprosy .. | 533 | 2667 | 3200 |
| (10) Lichen Planus .. | 200 | 288 | 488 |
| (11) Psoriasis .. | 224 | 323 | 547 |
| (12) Pycderma .. | 3,562 | 2,030 | 5,592 |
| (13) Mycotic .. | 2,935 | 1,010 | 3,945 |
| (14) Bullous Dermatitis .. | 40 | 102 | 142 |
| (15) Pellagra .. | 95 | 80 | 175 |
| (16) Pityriasis Rosea .. | 60 | 98 | 158 |
| (17) Scabies .. | 8,535 | 5,222 | 13,757 |
| (18) Sebrogoea Dermatitis .. | 102 | 207 | 309 |
| (19) T. B. Cuties .. | 35 | 85 | 120 |
| (20) Vitiligo .. | 184 | 172 | 356 |
| (21) Warts .. | 306 | 197 | 503 |
| (22) Pruritus .. | 203 | 192 | 395 |
| (23) V. D. Cases .. | 1,809 | 1,988 | 3,797 |
| Total .. | 20,498 | 16,165 | 36,663 |

Statement showing diagnosis of 'In patients treated during 1982 V. D. Cases :

| | | | | | |
|----------------------|----|----|----|----------------|-----------|
| Syphilis | .. | .. | .. | .. | 4 |
| Gonorrhoea | .. | .. | .. | .. | 8 |
| Phagedena. | .. | .. | .. | .. | 4 |
| Other V. D. | .. | .. | .. | .. | 7 |
| | | | | Total : | 23 |
| Other Skin Diseases. | .. | .. | .. | .. | 301 |

Sexwise classification of New and Old Skin Cases seen during 1982 :

| | Male | Female | Male child | Female child | Total |
|-----|-------|--------|------------|--------------|-------|
| New | 11732 | 4449 | 2464 | 1853 | 20498 |
| Old | 9183 | 4663 | 1426 | 893 | 16165 |

82. Statement showing the Pot-patients treated in the Department of Mycology during the year

| | | | | | |
|---|----|----|----|----------------|------------|
| Total Scrapping | .. | .. | .. | .. | 1996 |
| Cultures done out of which | .. | .. | .. | .. | 556 |
| T. Corporis | .. | .. | .. | .. | 120 |
| T. Cruris. | .. | .. | .. | .. | 20 |
| T. Capitis | .. | .. | .. | .. | 18 |
| T. Barbae | .. | .. | .. | .. | 8 |
| T. Pedis | .. | .. | .. | .. | 52 |
| T. Axillaris. | .. | .. | .. | .. | 8 |
| T. Manum. | .. | .. | .. | .. | 18 |
| Onychomycosis. | .. | .. | .. | .. | 38 |
| Moniliasis | .. | .. | .. | .. | 27 |
| Mycetoma. | .. | .. | .. | .. | 20 |
| Deep mycosis including C. S. F., sputum, Pus Fluid and Biopsy for fungal culture. | .. | .. | .. | .. | 227 |
| | | | | Total : | 556 |
| Scrapping and cultures from Ophthalmic O. P. D. | | | | | 85 |

MOLECULAR BIOLOGY DEPARTMENT

Investigations :

| | | | | | |
|--|----|----|----|----|------|
| (1) Antistreptolysin O test | .. | .. | .. | .. | 832 |
| (2) Throat Cultures | .. | .. | .. | .. | 832 |
| (3) Streptoxyme | .. | .. | .. | .. | 350 |
| (4) Quantitative Immunoglobulin estimation. | .. | .. | .. | .. | 50 |
| (5) Streptococcus antibiotic sensitivity test. | .. | .. | .. | .. | 245 |
| (6) C-Reactive protein (CRF) test. | .. | .. | .. | .. | 20 |
| (7) Urine cultures. | .. | .. | .. | .. | 738 |
| (8) Pus cultures. | .. | .. | .. | .. | 252 |
| (7) A. F. B. (Fluorescence) | .. | .. | .. | .. | 200 |
| (10) Miscellaneous : Culture | .. | .. | .. | .. | 1003 |
| (11) Miscellaneous : Antibiotic Sensitivity | .. | .. | .. | .. | 993 |

Statement showing the work done in the Department of Radiology from 1-1-82 to 31-12-82.

| Procedures | General Radiology Section (No. 10) | Vascular Radiology Section (No. 53) | Radiology Section Department of Neuro-Surgery. | Radiology Section Orthopaedic Centre | Total |
|---------------------------------|------------------------------------|-------------------------------------|--|--------------------------------------|-------|
| i 1 | 2 | 3 | 4 | 5 | 6 |
| Aortogram | .. | 201 | .. | .. | 201 |
| Arteriogram | | | | | |
| Carotid | .. 526 | 6 | 198 | .. | 730 |
| Peripheral & Visceral | .. .. | 83 | .. | .. | 83 |
| Spinal | .. .. | .. | 2 | .. | 2 |
| Vertebral | .. 16 | 3 | 73 | .. | 92 |
| Arthrogram | .. .. | .. | .. | 6 | 6 |
| Biopsy lung fluoroscopic | .. .. | 5 | .. | .. | 5 |
| Bronchogram | .. .. | 52 | .. | .. | 52 |
| Cholecystogram, Oral | .. 64 | .. | .. | .. | 64 |
| Cholangiogram | | | | | |
| Intravenous | .. 3 | .. | .. | .. | 3 |
| Percutaneous, transhepatic | .. .. | 9 | .. | .. | 9 |
| isternogram, myodil | .. 5 | .. | .. | .. | 5 |
| Cystourethrogram, voiding | 303 | — | — | .. | 303 |
| Drainage, Percutaneous, biliary | .. .. | 4 | .. | .. | 3 4 |
| Durogram | .. .. | .. | 1 | .. | 1 |
| Embolisation | .. .. | 6 | 3 | .. | 9 |
| Gastrointestinal series | 991 | .. | .. | .. | 991 |
| Hysterosalpingogram | 47 | .. | .. | .. | 47 |
| Lymphangiogram i | .. .. | 17 | .. | .. | 17 |
| Membranotomy, vena cava | .. .. | 2 | .. | .. | 2 |
| Myelogram | | | | | |
| Air | .. .. | .. | 2 | .. | 2 |
| Positive contrast | 83 | .. | 126 | 79 | 288 |
| Nephrostomy percutaneous | .. .. | 8 | .. | .. | 8 |
| Plain X-rays | 43366 | 50 | 1370 | 23648 | 68434 |
| Pneumoencephalogram | 12 | .. | 15 | .. | 27 |
| Pneumoperitoneum | 4 | .. | .. | .. | 4 |
| Pyelogram | | | | | |
| antegrade | .. .. | 22 | .. | .. | 22 |
| retrograde | 62 | .. | .. | .. | 62 |
| Pyrogram | .. .. | .. | 2 | .. | 2 |
| Shuntogram | .. .. | .. | 5 | .. | 5 |
| Splenoportogram | .. .. | 123 | .. | .. | 123 |
| Tomogram | | | | | |
| General | 65 | 1 | 33 | .. | 99 |
| Nephro | 65 | .. | .. | .. | 65 |
| Urogram, intravenous | 875 | .. | .. | .. | 875 |
| Venogram | | | | | |
| Jugular | 2 | .. | .. | .. | 2 |
| Orbital | 8 | .. | 3 | .. | 11 |
| Peripheral | .. .. | 83 | .. | .. | 83 |
| Ventriculogram | | | | | |
| Air | .. .. | .. | 52 | .. | 52 |
| Conray | .. .. | .. | 38 | .. | 38 |
| Myodil | 2 | .. | .. | .. | 2 |
| TOTAL | 46499 | 675 | 1923 | 23733 | 72830 |

DEPARTMENT OF PSYCHIATRY

The department operates daily out-patients services. Patients do not have to take previous appointment.

Treatment Programmes:—

1. Drug Therapy.
2. Electroconvulsive Therapy.
3. Modified Insulin Therapy
4. Abreactive Therapies
5. Psychotherapy (Individual and Group)
6. Behaviour therapy Clinic
7. Group Psychotherapy for sexual problems of males
8. Child Guidance Clinic
9. Occupational Therapy
10. Maintenance Therapy of Schizophrenia
11. Lithium Therapy Clinic
12. Biofeedback Therapy
13. Chronic Alcoholism Therapy

No. of patients offer various services in 1982 :—

| | No. of Patients | No. of Sessions |
|---|-----------------|-----------------|
| 1 New patients seen in O. P. D. | 5090 | .. |
| 2 Follow-up O. P. D. visits | 14398 | .. |
| 3 Indoor admissions | 1116 | .. |
| 4 Electroconvulsive therapy (ECT) | 872 | 4902 |
| 5 Modified Insulin Therapy | 2 | 60 |
| 6 Carbon dioxide abreactive therapy | 10 | 54 |
| 7 Behaviour Therapy | 135 | 394 |
| 8 Alcohol group Therapy | 216 | 826 |
| 9 Child Guidance Clinic | 103 | 198 |
| 10. Sex Education Therapy | 484 | 1232 |
| 11. Maintenance Therapy for Chronic Schizophrenia | 60 | 166 |
| 12 Occupational Therapy | 192 | 864 |
| | O. P. D. Cases | |
| | Indoor Cases | |
| 13. Biofeed back therapy | 1116 | 10147 |
| | 99 | 554 |

41. Workload of Clinical Psychologists (Psychological Tests):—

| | No. of Patients |
|--|-----------------|
| (a) Rorschach | 1014 |
| (b) M. M. P. I. | 354 |
| (c) Intelligence tests (IQ and SQ) | 938 |
| (d) TAT and CAT | 132 |
| (e) B. G. and WMS | 340 |
| (f) Miscellaneous (TMAS, HARS, HPRSD, HOQ and MRS) | 140 |

Workload of Psychiatric Social Worker :—

| | |
|---|------|
| (a) Collection of Social data | 915 |
| (b) Social work — Short term | 141 |
| Long term | 93 |
| (c) Brief Psychotherapy | 127 |
| (d) Family Therapy | 52 |
| (e) Marital Counselling | 51 |
| (f) Orientation to parents of mentally retarded children and referral to school for M. R. | 110 |
| (g) Referral to School for mentally retarded.. | 32 |
| (h) Rehabilitation by referral to employment agencies | 62 |
| 16. Electroencephalograms (EEG) | 1077 |
| E.M.G. tracings | 554 |

MEDICAL CHECK-UP CENTRE

The Centre has examined, investigated and treated 273 patients during the year :—

| | Patients treated |
|---|------------------|
| Diagnostic Centre, Parel— Family Health Centre | 191 |
| Immunization — | |
| Polio | 2,726 |
| Triple | 2,772 |
| Lab Investigations | 9,644 |

DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

Department of Pathology has three sections :—

1. Clinical Pathology Section which includes Clinical Biochemistry also.
2. Autopsy Section.
3. Surgical Histopathology Section.

Clinical Pathology :

1. Investigation are carried out on out-patients.

| Type of Analysis | No. of Samples | Total No. of tests done |
|------------------------|----------------|-------------------------|
| Haemograms | 22,509 | 81,543 |
| Urin analysis | 18,403 | 55,209 |
| Stool Analysis | 12,005 | 12,005 |
| Sputom | 2,990 | 2,990 |
| Bleeding & Coagulation | 1,425 | 2,850 |
| Total | 57,332 | 1,54,597 |

2. Investigations carried out on inpatients.

| | No. of Samples | Total No. of test done. |
|-----------------------|----------------|-------------------------|
| Haemograms. | 9098 | 35982 |
| Urine Samples | 15047 | 48658 |
| Stool samples | 8864 | 9983 |
| Sputum | 2447 | 2447 |
| | <hr/> 35456 | <hr/> 97070 |

(3) Investigations carried out at Orthopaedic Centre.
(These includes inpatients and Outpatients).

| | | |
|---------------------|-------------|-------------|
| Haemograms. | 8446 | 21015 |
| Urinalysis | 4445 | 8890 |
| | <hr/> 12891 | <hr/> 29905 |

Cytology for detection of malignant cells.

| Type of samples | No. of cases |
|--|--------------|
| Fine needle aspiration biopsy of various types of lumps. | 131 |
| Pleural fluid. | 329 |
| Ascitic fluid | 454 |
| Pericardial fluid. | 32 |
| Sputum | 80 |
| Knee joint fluid | 80 |
| C. S. F. | 29 |
| Urine | 3 |

Clinical Biochemistry Section :

| | No. of Samples | |
|--|----------------|----------|
| (1) Blood sugar. | 22524 | 380 Nos. |
| G.T.C. (1x4 samples) | | |
| (2) Blood Urea N2 | 14288 | |
| (3) P. Creatinine | 3954 | |
| (4) S. Protenins (1x2) | 4523 | |
| (5) S. Bilirubin | 4966 | |
| (6) S. GOT/GPT. | 7560 | |
| (7) S. Calcium | 1275 | |
| (8) S. Phosphorus | 1275 | |
| (7) S. Alh./Phosphatase. | 2142 | |
| (10) S. Acid Phosphatase. | 227 | |
| (11) S. Cholesterol. | 1424 | |
| (12) Uric acid. | 235 | |
| (13) S. Amylase. | 153 | |
| (14) C. S. F. Sug./Chlorides (1x2) | 940 | |
| (15) Prothrombin Times | 1431 | |
| (16) Fluid protenins | 907 | |
| (17) Urine prophyrin | 62 | |
| (18) Urine albumin | 230 | |
| (19) Urine urobilinigen | 36 | |
| (20) Urine B. J. Protein | 122 | |
| (21) S. Electrolytes (1 x3) | 588 | |
| (22) Gastric analysis (5 tests x 10 Samples) | 391 | |
| TOTAL | <hr/> 69253 | |

Biochemical investigations done during emergency hours.

Emergency Lab. : Total investigations 24719.

Autopsy Section :

| | | |
|--|-------|---------------------|
| Total no. of autopsies performed | 1470 | Nos. Provisional |
| Total No. of medico-legal autopsies. | 457 | |
| No. of P. M. tissues processed. | 15174 | |
| No. of blocks prepared. | 10576 | |
| No. of special stains done. (Total) | 1162 | |
| No. of blocks recut for sp. staining | 563 | |
| Unstain slides prepared. | 310 | |
| H. & E. Slides prepared for class. | 2130 | |

Surgical Pathology :

| | |
|---|--------|
| No. of tissue received. | 6958 |
| No. of slides prepared & stained. | 1,3078 |
| No. of special stains and extra slides. | 2371 |
| No. of Kidney biopsies done. | 148 |
| No. of blocks prepared. | 1,3078 |

Neuropathology Section—

| | No. of Samples |
|--|----------------------|
| Neurochemistry— | |
| 1. Cerebrospinal fluid | 714 |
| 2. Blood urea and creatinine | 990 |
| 3. Serum Cholestrol | 250 |
| 4. Serum SGOT and GPT | 525 |
| 5. Prothrombin time | 250 |
| 6. Serum CPK | 562 |
| 7. Urinary Amino Acid | 50 |
| 8. Serum total protein, Serum bilirubin | 525 |
| 9. Urinary Mucopolysaccharide | 10 |
| 10. Haemogram | 600 |
| 11. Urine Estimation for Cytomegalic inclusion | 15 |
| 12. Urinary Metachromatic Granules | 20 |
| 13. Serum Ceruloplasmin | 15 |
| Muscle Biopsy-Histochemistry— | |
| 1. ATPase, NADH Tr. and Phosphorylase | 60 |
| 6. Urinary creatine | 4 |
| Histopathology : | |
| Surgical biopsies received | 216 |
| (a) Blocks prepared | 275 |
| (b) Unstained slides Prepared | 825 |
| (c) Urgent smears | 20 |
| (d) Special stains prepared | 50 |
| (e) External specimens received | 10 |
| Brain specimens from autopsy | |
| Brain specimens from autopsy | 217 |
| (a) Blocks prepared | 1200 |
| (b) Slides prepared | 1200MSpecial stains. |

DEPARTMENT OF MICROBIOLOGY

Bacteriology : Workload of the Department.

Bacteriology :

| Samples | Nos. |
|---------------------------|---------------|
| Urine | 5,064 |
| Pus | 5,303 |
| Sputum | 1,659 |
| A.F.B. | 1,139 |
| C.S.F. | 2,835 |
| Stool | 336 |
| Post Mortem | 157 |
| Sterility Testing | 2,007 |
| Blood Culture | 1,254 |
| Total | 19,754 |

Seriology Section :

| | |
|----------------------------|--------------|
| Widal | 1 050 |
| VDRL | 4,455 |
| C.S.F.3VDRL | 851 |
| Brucella | 11 |
| Weil Fleix Test | 10 |
| Paul Bunnell Test3 | 53 |
| R.A. Test i | 1,113 |
| Total | 7,583 |

Anaerobic Section

| | |
|----------------------------|-------|
| No. of Total Cases | 1,554 |
| Aerobic growth in | 60% |
| Anaerobic growth | 30% |
| No growth | 10% |

Immunology Section :

| | |
|-----------------------------------|------------|
| Immunoglobulins | 180 |
| Australia Antigen | 448 |
| T Cell Percentage | 15 |
| One Antitrypsin | 10 |
| Amoeba Antibody Detection | 59 |
| Candida Antibodies Decton | 10 |
| Aspergillus Antibodies | 10 |
| Total | 723 |

PHARMACY DEPARTMENT

Number and types of finished products prepared as follows :—

| | |
|---|--------------|
| (A) Total Number of Transfusion Fluid Bottles | 2,68,195 |
| (B) Total Number of Injection (Vials) | 8,564 |
| (C) Stock Solution : | |
| (I) Haemodialysis fluid (Concentration 1X35) | 1,380 Litres |
| (II) Potassium chloride 25 | 16 Litres |
| (III) Magnesium chloride 50 | 9 Litres. |
| (IV) Calcium Chloride 25 | 36 Litres. |
| (V) Absolute Alcohol (Repached in 500 ml. bottle) | 440 Bottles. |

Central Sterile Supply Service :

| | |
|---|-------------|
| (I) Number of drums sterilised | 32,216 Nos. |
| (II) Number of trays sterilised | 33,116 Nos. |
| (III) Number of bleeding sets prepared & sterilised | 13,615 Nos. |

Quality Control Unit :

(A) In process Analysis :

| | |
|--|------------|
| (I) Dextrose (Various percentages) | 525 Tests. |
| (II) Sodium Chloride (Various Percentages) | 470 Tests. |
| (III) Distilled Water (Purity tests) | 293 Tests. |

(B) Analysis of finished products :

| | |
|--|------------|
| (I) Dextrose (Various percentages) | 525 Tests. |
| (II) Sodium Chloride (Various percentages) | 466 Tests. |
| (III) Haemodialysis concentrate (for Na & Cl mEq.) | 46 Tests. |
| (IV) Acetated Ringer without Dextrose | 12 Tests. |

New preparation Introduced :

- (I) Polycitra—Mixture.
- (II) Anatacid—Suspension.
- (III) Solution for blood—Gas machine.
- (IV) Sterile solution for Indomethacin Ophthalmology.

DEPARTMENT OF PHARMACOLONY

Teaching and Training Programmes :

(1) Undergraduate Programmes :—

Besides teaching IInd M.B.B.S. students, this department participates in teaching pharmacology and therapeutics to Occupational therapy and Physiotherapy students and nurses.

(2) Post-graduate Programme :—

The department offers a training programme for M.B.B.S. and B.Sc. students, leading to M.D./Ph.D. in Pharmacology and M.Sc. in Applied Biology degrees. It also offers facilities for training in Clinical Pharmacology and conducts 8 weeks training course sponsored by Indian Council of Medical Research.

DEPARTMENT OF PAEDIATRIC SURGERY

During the year 1982-83 the new Theatre Complex and the Intensive Care Unit started functioning. The results of Surgery of new born and infants have shown considerable improvement. Cost of the life-saving equipment is available in the Intensive Care Unit only some of the equipment like pumps for intravenous alimentation are wanted. There is round the clock supervision by a well qualified Paediatric Surgeon in the Intensive Care Unit Miss Augustine, Sister-in-charge of Intensive Care Unit Hospital for Sick Children of Dublin was deputed for a period of three weeks to help the Department for setting up the Nursing Care in the Intensive Care Unit.

THE E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE STAFF SOCIETY

The Staff society was continued during the year 1982. (January to December) Dr. C.K. Deshpande, Dean was President during the entire year 1982.

Six clinical meetings and few guest lectures were held during the year 1982.

Nurses : Nursing Establishment is having 967 Scheduled and 93 Non-Scheduled posts out of which 106 posts are vacant. Approximate expenses per Nurse per month is Rs. 734.64 for the year 1982-83.

Total No. of Students, General Nursing : 309.

Total No. of Midwifery students: 70.

| Examination | Period | Appeared | Passed | Percentage |
|-------------------------|-------------|----------|--------|------------|
| General Nursing Part I | February 82 | 61 | 52 | 85% |
| | August 82 | 37 | 32 | 94.6% |
| General Nursing Part II | January 82 | 62 | 40 | 64.5% |
| | July 82 | 72 | 57 | 79% |
| Midwifery Training | February 82 | 22 | 22 | 100% |
| | August 82 | 65 | 61 | 93.8% |

Nurses Welfare Society :

The corpus of the fund amount Rs. 49,603 out of which Rs. 16,000- is kept in Government Security and Rs. 33,603 kept in fixed deposit in the Banks. Interest on the amount is utilised for providing amenities to the Nurses such as variety entertainment programme, sports picnics, Farewell to the retired members subscribing for Periodicals, Prize distribution Function and giving loan to the needy Nurses. This year Staff Nurse Smt. V. Gawade is given loan to meet for B. Sc. Nursing studies.

K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE EMPLOYEES CO-OPERATIVE CREDIT SOCIETY.

2,250 members were on the roll at the end of the co-operative year ended 20th June 1982. The share capital stands to Rs. 5,85,860 on 30th June 1982 as against Rs. 4,55,650 on corresponding date of previous year. The Society declared Dividend to the members @ 9 percent on the shares amount held by members. The accounts of the Society are being audited by the Professional Internal Auditors, Chartered Accountants as well by the Government Auditors. The Society received Classification as A' Class.

Poor Box Charity Fund :—

A sum of Rs. 14,38,395.56 was received by way of donations, contribution from patients, part cost of spectacles, and sale at gift shop etc. In addition to cash donations, Donations in kinds were also received. An amount of Rs. 13,33,020.71 was spent out of the Poor Box Charity Fund in the year, as against Rs. 11,37,551.04 during the previous year. The amount was spent on costly drugs, blood transfusion, surgical appliances, travelling expenses, spectacles, etc. for poor and deserving patients of the hospital.

Food Handler's Scheme :—

2073 persons were directed for examination by H. O.'s Department from 1st Jan. 1981 to 31st December 1982 out of which only 431 persons attended for exam. 19 persons did not give their stool blood or both for Pathological exam. In all 382 fit and 30 unfit certificates were issued during the year under report.

C. K. DESHPANDE,
Dean
K. E. M. Hospital & Seth G. S. Medical
College,

APPENDIX No. 1.

Statement showing the Distribution of Beds According to Classification of Department, Sex and Units.

| Department | Head of the Units | Male | Female | Children | Un- Classified | Total | |
|---------------------------------------|------------------------------|------|--------|----------|-------------------|-------|------|
| | 2 | 3 | 4 | 5 | 6 | 7 | |
| Medical | Dr. (Smt.) V. N. Acharya | .. | 20 | 12 | .. | .. | 32 |
| | Dr. F. D. Dastur | .. | 20 | 12 | .. | .. | 32 |
| | Dr. G. H. Tilve | .. | 20 | 12 | .. | .. | 32 |
| | Dr. B. D. Pimparkar | .. | 20 | 12 | .. | .. | 32 |
| | Dr. C. P. Dalvi | .. | 20 | 12 | .. | .. | 32 |
| | Dr. P. D. Anjaria | .. | 20 | 12 | .. | .. | 32 |
| Tetanus | Dr. F. D. Dastur | .. | 12 | 7 | 5 | .. | 24 |
| A. K. Deptt. | Dr. (Smt.) V. N. Acharya | .. | 12 | 4 | 2 | .. | 18 |
| Div. of End Metab. | Dr. S. D. Bhandarkar | .. | 10 | 6 | 3 | .. | 19 |
| Surgical | Dr. R. A. Bhalerao | .. | 24 | 6 | .. | .. | 30 |
| | Dr. A. B. Samsi | .. | 24 | 6 | .. | .. | 30 |
| | Dr. R. D. Bapat | .. | 24 | 6 | .. | .. | 30 |
| | Dr. C. V. Patel | .. | 24 | 6 | .. | .. | 30 |
| | Dr. A. B. Samsi/S. G. Shenoy | .. | 24 | 6 | .. | .. | 30 |
| | Dr. S. D. Deodhar | .. | 24 | 6 | .. | .. | 30 |
| Gastroent | Dr. R. A. Bhalerao | .. | 8 | 2 | 2 | .. | 12 |
| Ophthalmic | Dr. B. T. Maskati | .. | 18 | 9 | 3 | .. | 30 |
| | Dr. T. N. Ursekar | .. | 18 | 9 | 3 | .. | 30 |
| Gynaec | Dr. V. N. Purandare | .. | .. | 14 | .. | .. | 14 |
| | Dr. (Miss) N. D. Motashaw | .. | .. | 14 | .. | .. | 14 |
| | Dr. M. R. Narvekar | .. | .. | 14 | .. | .. | 14 |
| | Dr. (Mrs.) S. J. Joglekar | .. | .. | 14 | .. | .. | 14 |
| Obstetric | Dr. V. N. Purandare | .. | .. | 44 | .. | .. | 44 |
| | Dr. Miss. N. D. Motashaw | .. | .. | 44 | .. | .. | 44 |
| | Dr. M. R. Narvekar | .. | .. | 44 | .. | .. | 44 |
| | Dr. (Mrs.) S. J. Joglekar | .. | .. | 44 | .. | .. | 44 |
| Skin & venereal | ..Dr. Rui Fernandes | .. | 16 | 10 | 6 | .. | 32 |
| Isolation | ————— | .. | 4 | 2 | .. | .. | 6 |
| Orthopaedic | Dr. R. M. Bhansali | .. | 30 | 20 | 10 | .. | 60 |
| | Dr. L. N. Vora | .. | 30 | 20 | 10 | .. | 60 |
| | Dr. A. V. Bavdekar | .. | 30 | 20 | 10 | .. | 60 |
| | Dr. R. S. Dhir | .. | 30 | 20 | 10 | .. | 60 |
| Aural | Dr. K. L. Shah | .. | 8 | 6 | 10 | 6 | 30 |
| | Dr. P. P. Karnik | .. | 8 | 7 | 9 | 6 | 30 |
| Psychiatric | Dr. L. P. Shah | .. | 18 | 8 | 4 | .. | 30 |
| | Dr. D. R. Doongaji | .. | 18 | 8 | 4 | .. | 30 |
| Neuro-Surgical | Dr. S. K. Pandya | .. | 13 | 10 | 8 | .. | 36 |
| Neurology | Dr. V. P. Mondkar | .. | 22 | 6 | 4 | .. | 32 |
| Pead.-Medical | Dr. M. D. Shah | .. | .. | .. | 30 | 2 | 32 |
| | Dr. N. B. Kumta | .. | .. | .. | 30 | 2 | 32 |
| | Dr. (Mrs.) P. W. Kandoth | .. | .. | .. | 30 | 2 | 32 |
| Plastic Surgery and Burns. | Dr. K. S. Goleria | .. | 16 | 14 | 10 | 12 | 52 |
| Cardio-Vascular and Thoracic Surgery. | Dr. G. B. Parulkar | .. | 18 | 11 | 3 | .. | 32 |
| | Dr. S. R. Pandey | .. | 18 | 11 | 3 | .. | 32 |
| Cardiology | Dr. I. J. Pinto | .. | 16 | 5 | 4 | .. | 25 |
| | Dr. A. S. Vengsarkar | .. | 16 | 5 | 4 | .. | 25 |
| Chest-Clinic | Dr. S. R. Kamat | .. | 15 | 12 | 3 | .. | 30 |
| Pead-Surg. | Dr. R. K. Gandhi | .. | .. | .. | 40 | .. | 40 |
| Urology | Dr. D. S. Pardani | .. | 16 | 9 | 5 | .. | 30 |
| Drug Trial | CIBA | .. | .. | .. | .. | 10 | 10 |
| | CIPLA | .. | .. | .. | .. | 10 | 10 |
| | UNICHEM | .. | .. | .. | .. | 10 | 10 |
| Total | | .. | 689 | 581 | 265 | 60 | 1595 |

N. B.— 1. Medical beds are inclusive of beds to Haematology and Gastroenterology as under —

| | M | F | C | Total | |
|------------------|----|---|---|-------|---|
| Haematology | .. | 4 | 2 | .. | 6 |
| Gastroenterology | .. | 4 | 2 | .. | 6 |

2. Surgical beds are inclusive of 6 beds for Endocrinology and Metabolic Disorders—1 bed each under each unit.

APPENDIX No. IA.

Statement showing the distribution of beds according to wards, service and Heads.

| Ward No. | Service | Name of the Head of the service. | Unitwise allocation of beds. | Total scheduled strength of ward. |
|----------|---|----------------------------------|------------------------------|-----------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| I | Paediatric Medical | Dr. M. D. Shah | 30 | 60 |
| | | Dr. N. B. Kumta | 30 | |
| II | Paediatric Medical | Dr. P. W. Kandoth | 30 | 60 |
| | Paediatric Surg. | Dr. R. K. Gandhi | 15 | |
| | Psychiatric | Dr. D. R. Doongaji | 4 | |
| | Psychiatric | Dr. L. P. Shah | 4 | |
| | Neurology | Dr. V. D. Mondkar | 4 | |
| | Div. of Endocrinology and Metab. disorders. | Dr. S. D. Bhandarkar | 3 | |
| III | Gastroentology | Dr. R. A. Bhalerao | 2 | 49 |
| | Aural | Dr. K. L. Shah | 10 | |
| | Aural | Dr. P. P. Karnik | 9 | |
| | Paed. Surgical | Dr. R. K. Gandhi | 25 | |
| | Urology | Dr. D. S. Pardnani | 3 | |
| IV | Medical | Dr. V. N. Acharya | 12 | 50 |
| | Do. | Dr. G. H. Tilve | 12 | |
| | Do. | Dr. P. D. Anjaria | 12 | |
| | Div. of End. and Metab. | Dr. S. D. Bhandarkar | 6 | |
| | Psychiatric | Dr. L. P. Shah | 8 | |
| I VA | Medical | Dr. F. D. Dastur | 12 | 50 |
| | Do. | Dr. B. D. Pimparkar | 12 | |
| | Do. | Dr. C. P. Dalvi | 12 | |
| | Psychiatric | Dr. D. R. Doongaji | 8 | |
| | Neurology | Dr. V. P. Mondkar | 6 | |
| V | Surgical | Dr. R. D. Bapat | 24 | 48 |
| | Do. | Dr. C. V. Patel | 24 | |
| VI | Surgical | Dr. A. B. Samsi | 20 | 48 |
| | Do. | Dr. A. B. Samsi/Dr. S. G. Shenoy | 20 | |
| | Urology | Dr. D. S. Pardnani | 8 | |
| VII | Surgical | Dr. R. A. Bhalerao | 19 | 54 |
| | Do. | Dr. S. D. Deodhar | 19 | |
| | Aural | Dr. M. V. Kirtane | 8 | |
| | Do. | Dr. P. P. Karnik | 8 | |
| VIII | Surgical | Dr. R. A. Bhalerao | 6 | 54 |
| | Do. | Dr. A. B. Samsi | 6 | |
| | Do. | Dr. R. D. Bapat | 6 | |
| | Do. | Dr. C. V. Patel | 6 | |
| | Do. | Dr. A. B. Samsi/Dr. S. G. Shenoy | 6 | |
| | Do. | Dr. S. D. Deodhar | 6 | |
| | Aural | Dr. K. L. Shah | 6 | |
| | Do. | Dr. P. P. Karnik | 7 | |
| | Urology | Dr. D. S. Pardnani | 5 | |
| IX | Medical | Dr. S. G. Dalvi | 20 | 40 |
| | Do. | Dr. P. D. Anjaria | 20 | |
| X | Psychiatric | Dr. L. P. Shah | 7 | 54 |
| | Do. | Dr. D. R. Doongaji | 7 | |
| | Neuro-surgery | Dr. S. K. Pandya | 18 | |
| | Neurology | Dr. V. P. Mondkar | 22 | |
| XI | Medical | Dr. F. D. Dastur | 20 | 50 |
| | Medical | Dr. G. H. Tilve | 20 | |
| | Div. of End. and Metab. | Dr. S. D. Bhandarkar | 10 | |
| XII | Medical | Dr. V. N. Acharya | 20 | 40 |
| | Do. | Dr. C. P. Dalvi | 20 | |

| 1 | 2 | 3 | 4 | 5 |
|--------|-------------------------|----------------------------------|-------|-------|
| XIII | Ophthalmic | Dr. B. T. Maskati. | .. 30 | } 60 |
| XIII A | Do. | Dr. S. D. Adrianwalla. | .. 30 | |
| XIV | Obstretic | Dr. V. N. Purandare. | .. 44 | } 182 |
| XIVA | Do. | Dr. N. D. Motashow. | .. 44 | |
| L.W.D. | Do. | Dr. S. J. Joglekar. | .. 44 | |
| W.W.D. | Do. | Dr. M. R. Narvekar. | .. 44 | |
| P.O.W. | Do. | Dr. M. D. Shah. | .. 2 | |
| P.P.S. | Prematurity | Dr. N. B. Kumta. | .. 2 | |
| | | Dr. P. W. Kandoth. | .. 2 | |
| XV | Gynaec | Dr. V. N. Purandare. | .. 14 | } 56 |
| XVA | Do. | Dr. N. D. Motashow. | .. 14 | |
| | Do. | Dr. S. J. Joglekar. | .. 14 | |
| | Do. | Dr. M. R. Narvekar. | .. 14 | |
| XVI | Plastic Surgery & Burns | Dr. K. S. Goleria. | .. 52 | 52 |
| XVII | Isolation | | .. 6 | } 38 |
| XVIII | Skin & Veneral | Dr. R. J. Fernandes. | .. 32 | |
| XIX | Psychiatric | Dr. L. P. Shah. | .. 11 | } 22 |
| | Do. | Dr. D. R. Doongaji | .. 11 | |
| XX | Surgical | Dr. A. B. Samsi. | .. 4 | } 10 |
| | | Dr. A. B. Samsi/Dr. S. G. Shenoy | .. 4 | |
| | | Dr. R. A. Bhalerao. | .. 2 | |
| XXI | Aural | Dr. K. L. Shah. | .. 6 | } 12 |
| | Do. | Dr. P. P. Karnik. | .. 6 | |
| XXII | Tetanus | Dr. F. D. Dastur. | .. 24 | 24 |
| XXIII | Gatroentrology | Dr. R. A. Bhalerao. | .. 8 | } 16 |
| | Thoracic Surgery | Dr. G. B. Parulkar. | .. 4 | |
| | Do. | Dr. S. S. Bhattacharya. | .. 4 | |
| XXIV | Drug Trial | CIBA | .. 10 | } 30 |
| XXIVA | | CIPLA | .. 10 | |
| | | UNICHEM | .. 10 | |
| XXV | Orthopaedic | Dr. R. M. Bhansali. | .. 30 | } 40 |
| | Do. | Dr. A. V. Bavdekar. | .. 10 | |
| XXVI | Orthopaedic | Dr. R. M. Bhansali. | .. 30 | } 40 |
| | | Dr. A. V. Bavdekar. | .. 10 | |
| XXVII | Orthopaedic | Dr. A. V. Bavdekar. | .. 20 | } 40 |
| | | Dr. R. S. Dhir. | .. 20 | |
| XVIII | Orthopaedic | Dr. A. V. Bavdekar. | .. 20 | } 40 |
| | | Dr. R. S. Dhir. | .. 20 | |
| XXIX | Orthopaedic | Dr. L. N. Vora. | .. 30 | } 40 |
| | | Dr. R. S. Dhir. | .. 10 | |
| XXX | Orthopaedic | Dr. L. N. Vora. | .. 30 | } 40 |
| | | Dr. R. S. Dhir. | .. 10 | |
| XXXI | Thoracic Surgery | Dr. G. B. Parulkar. | .. 28 | } 56 |
| | Do | Dr. S. S. Bhattacharya. | .. 28 | |
| XXXII | Cardiology | Dr. I. J. Pinto. | .. 25 | } 55 |
| | Chest clinic | Dr. S. R. Kamath. | .. 30 | |
| XXXIII | Neuro-Surgery | Dr. S. K. Pandya. | .. 18 | 18 |
| XXXIV | A. K. D. | Dr. V. N. Acharya. | .. 18 | 18 |
| XXXV | Cardiology | Dr. A. S. Vengsarkar. | .. 25 | 25 |
| LIC | Urology | Dr. D. S. Pardnani | .. 14 | 14 |
| M.S.W. | Surgical | Dr. R. A. Bhalerao. | .. 5 | } 10 |
| | | Dr. S. D. Deodhar. | .. 5 | |
| Total | | | | 1595 |

APPENDIX II

Statement of In-patients treated, discharged and deaths according to Departments, Sex, & Age.

| Department | Sex | In the Hospital at the Mid-night of 31-12-82 | Admitted during the year 1982 | Total treated | Discharged | | Died | In the Hospital at the Mid-night of 31-12-82 |
|--|--------------|--|-------------------------------|---------------|------------|------------|-------|--|
| | | | | | Cured | other-wise | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| MEDICAL | Male | 250 | 7,405 | 7,655 | 5,533 | 700 | 1,222 | 200 |
| | Female | 116 | 3,749 | 3,865 | 2,724 | 450 | 552 | 139 |
| | Male Child | 3 | 121 | 124 | 50 | 25 | 47 | 2 |
| | Female Child | 1 | 85 | 86 | 40 | 24 | 19 | 3 |
| SURGICAL | Male | 137 | 7,873 | 8,010 | 6,521 | 940 | 406 | 143 |
| | Female | 43 | 2,172 | 2,215 | 1,381 | 600 | 197 | 37 |
| | Male Child | .. | 26 | 26 | 22 | 3 | 1 | .. |
| | Female Child | .. | 15 | 15 | 14 | 1 | .. | .. |
| OPHTHALMIC | Male | 31 | 1,129 | 1,160 | 975 | 150 | 1 | 34 |
| | Female | 16 | 550 | 566 | 502 | 40 | 1 | 23 |
| | Male Child | 3 | 81 | 84 | 44 | 38 | .. | 2 |
| | Female Child | 1 | 69 | 70 | 50 | 20 | .. | .. |
| GYNAEC | Female | 89 | 2,625 | 2,714 | 2,598 | 50 | 10 | 56 |
| | Female Child | .. | 1 | 1 | 1 | .. | .. | .. |
| SKIN & VENERAL | Male | 23 | 230 | 253 | 130 | 101 | 6 | 16 |
| | Female | 9 | 72 | 81 | 50 | 25 | 2 | 4 |
| | Male Child | .. | 20 | 20 | 15 | 5 | .. | .. |
| | Female Child | .. | 15 | 15 | 12 | 3 | .. | .. |
| AURAL | Male | 16 | 905 | 921 | 652 | 250 | 4 | 15 |
| | Female | 4 | 640 | 644 | 484 | 150 | 3 | 7 |
| | Male Child | 2 | 327 | 329 | 249 | 75 | .. | 5 |
| | Female Child | .. | 265 | 265 | 201 | 60 | .. | 4 |
| ORTHOPAEDIC | Male | 275 | 2,330 | 2,605 | 1,635 | 700 | 81 | 189 |
| | Female | 111 | 926 | 1,037 | 455 | 412 | 45 | 125 |
| | Male Child | 41 | 510 | 551 | 300 | 197 | 3 | 51 |
| | Female Child | 22 | 266 | 288 | 212 | 65 | 1 | 10 |
| PSYCHIATRIC | Male | 28 | 761 | 789 | 298 | 450 | 4 | 37 |
| | Female | 17 | 329 | 346 | 167 | 155 | 4 | 10 |
| | Male Child | .. | 10 | 10 | 3 | 6 | .. | 1 |
| | Female Child | .. | 16 | 16 | 7 | 9 | .. | .. |
| NEURO-SURGERY | Male | 8 | 285 | 293 | 190 | 70 | 16 | 17 |
| | Female | 4 | 140 | 144 | 94 | 35 | 6 | 11 |
| | Male Child | .. | 44 | 44 | 29 | 10 | 1 | 4 |
| | Female Child | .. | 28 | 28 | 20 | 6 | .. | 2 |
| NEUROLOGY | Male | 12 | 197 | 209 | 113 | 77 | 6 | 13 |
| | Female | .. | 91 | 91 | 43 | 41 | 3 | 4 |
| | Male Child | .. | 38 | 38 | 23 | 13 | 2 | .. |
| | Female Child | .. | 11 | 11 | 3 | 6 | 2 | .. |
| PAED. MEDICAL | Male Child | 36 | 1,711 | 1,747 | 1,016 | 394 | 300 | 37 |
| | Female Child | 25 | 1,142 | 1,167 | 590 | 296 | 257 | 24 |
| OBST. | Female | 115 | 6,834 | 6,949 | 6,627 | 199 | 27 | 96 |
| | Male Child | .. | 2 | 2 | 2 | .. | .. | .. |
| | Female Child | .. | 1 | 1 | 1 | .. | .. | .. |
| Dept. OF ENDO. CRINOLOGY & METAB. DISORDER | Male | 6 | 126 | 132 | 24 | 97 | 9 | .. |
| | Female | 6 | 94 | 100 | 13 | 80 | 7 | .. |
| | Male Child | .. | .. | .. | .. | .. | .. | .. |
| | Female Child | .. | 2 | 2 | .. | 2 | .. | .. |

APPENDIX II

Statement of In-patients treated, discharged and deaths according to Departments, Sex, & Age.

| Department | Sex | In the Hospital at the Mid-night of 31-12-81 | Admitted during the year 1982 | Total treated | Discharged | | Died | In the Hospital at the Mid-night of 31-12-82 |
|---------------|--------------|--|-------------------------------|---------------|------------|-----------|-------|--|
| | | | | | Cured | otherwise | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PLASTIC SURG. | Male | 21 | 195 | 216 | 49 | 150 | 2 | 15 |
| | Female | 8 | 144 | 152 | 33 | 85 | 27 | 7 |
| | Male Child | 6 | 73 | 79 | 30 | 48 | .. | 1 |
| | Female Child | 6 | 44 | 50 | 18 | 30 | 1 | 1 |
| THORACIC SURG | Male | 37 | 500 | 537 | 220 | 235 | 60 | 22 |
| | Female | 17 | 400 | 417 | 160 | 190 | 41 | 26 |
| | Male Child | 2 | 59 | 61 | 16 | 25 | 15 | 5 |
| | Female Child | 2 | 53 | 55 | 15 | 29 | 9 | 2 |
| PAED. SURG. | Male Child | 26 | 1,309 | 1,335 | 969 | 275 | 68 | 23 |
| | Female Child | 6 | 672 | 678 | 437 | 179 | 54 | 8 |
| CARDIOLOGY | Male | 25 | 509 | 534 | 270 | 175 | 57 | 32 |
| | Female | 9 | 303 | 312 | 203 | 66 | 33 | 10 |
| | Male Child | 8 | 116 | 124 | 71 | 38 | 6 | 9 |
| | Female Child | 2 | 80 | 82 | 43 | 24 | 12 | 3 |
| CHEST-CLINIC | Male | 17 | 373 | 390 | 110 | 195 | 71 | 14 |
| | Female | 11 | 229 | 240 | 10 | 189 | 29 | 12 |
| | Male Child | .. | 8 | 8 | 2 | 4 | 2 | .. |
| | Female Child | .. | 6 | 6 | 1 | 5 | .. | .. |
| UROLOGY | Male | 16 | 400 | 416 | 340 | 50 | 12 | 14 |
| | Female | 3 | 46 | 49 | 31 | 12 | 4 | 2 |
| | Male Child | .. | 3 | 3 | 3 | .. | .. | .. |
| | Female Child | .. | .. | .. | .. | .. | .. | .. |
| HABMATOLOGY | Male | 2 | 157 | 159 | 46 | 80 | 18 | 15 |
| | Female | 5 | 77 | 82 | 16 | 49 | 13 | 4 |
| | Male Child | .. | 3 | 3 | .. | 3 | .. | .. |
| | Female Child | .. | .. | .. | .. | .. | .. | .. |
| PHARMACOLOGY | Male | 5 | 115 | 120 | 36 | 70 | .. | 14 |
| | Female | .. | 11 | 11 | 2 | 8 | .. | 1 |
| TOTAL | Male | 909 | 23,490 | 24,399 | 17,142 | 4,492 | 1,975 | 790 |
| | Female | 583 | 19,432 | 20,015 | 15,591 | 2,846 | 1,004 | 574 |
| | Male Child | 127 | 4,461 | 4,588 | 2,844 | 1,159 | 445 | 140 |
| | Female Child | 65 | 2,771 | 2,836 | 1,665 | 759 | 355 | 57 |
| GRAND TOTAL | | 1,684 | 50,154 | 51,838 | 37,242 | 9,256 | 3,779 | 1,561 |

APPENDIX III

Statement of out-patients New O. P. D. Casualty according to the Department and Sex during the year 1982.

| Department 1 | Casualty | | | | | New O.P.D. Cases | | | | |
|---------------------|-----------|-------------|--------------|--------------|------------|------------------|-------------|--------------|---------------|-------------|
| | Male 2 | Female 3 | M/Child 4 | F/Child 5 | Total 6 | Male 7 | Female 8 | M/Child 9 | F/Child 10 | Total 11 |
| A—Medical ... | 2,250 | 866 | 34 | 29 | 3,179 | 22,303 | 12,172 | 2 | 1 | 34,478 |
| B—Surgical ... | 7,537 | 1,579 | 104 | 58 | 9,278 | 16,400 | 6,489 | 78 | 33 | 23,000 |
| C—Ophthalmic ... | 295 | 43 | 15 | 8 | 361 | 9,435 | 4,536 | 974 | 690 | 15,635 |
| D—Gynaec ... | — | 43 | — | .. | 43 | — | 9,631 | — | .. | 9,631 |
| E—Dental ... | 14 | 3 | 1 | .. | 18 | 4,882 | 3,675 | 860 | 563 | 9,980 |
| F—Skin ... | 16 | 3 | .. | .. | 19 | 11,732 | 4,549 | 2,364 | 1,853 | 20,498 |
| G—Aural ... | 263 | 58 | 16 | 11 | 348 | 8,549 | 5,277 | 1,819 | 1,352 | 16,997 |
| H—Orthopaedic... | 1,566 | 316 | 82 | 39 | 2,003 | 16,879 | 7,598 | 2,597 | 1,518 | 28,592 |
| I—Psychiatric ... | 9 | 6 | .. | ... | 15 | 3,178 | 1,766 | 400 | 246 | 5,590 |
| J—Neuro Surgery | 3 | .. | 2 | ... | 5 | 1,052 | 581 | 266 | 180 | 2,079 |
| K—Neurology ... | 2 | .. | 1 | 1 | 4 | 592 | 313 | 117 | 79 | 1,101 |
| L—Paediatric Med. | .. | ... | 184 | 132 | 316 | — | — | 5,235 | 3,726 | 8,961 |
| M—Obstetric ... | — | 61 | .. | — | 61 | — | 4,649 | 2 | 2 | 4,653 |
| N—Dispensary... | 14 | 7 | .. | ... | 21 | 145 | 34 | ... | .. | 179 |
| O—Diabetic ... | .. | .. | ... | .. | .. | 719 | 441 | 29 | 5 | 1,194 |
| P—Plastic Surg. ... | 502 | 93 | 27 | 15 | 637 | 235 | 149 | 76 | 58 | 518 |
| Q—Thoracic Surg. | 1 | .. | .. | .. | 1 | 1,029 | 742 | 208 | 160 | 2,139 |
| R—Paed. Surg. ... | — | — | 400 | 234 | 634 | — | — | 398 | 199 | 597 |
| S—G.I.C. ... | ... | .. | .. | ... | ... | 96 | 24 | .. | 1 | 121 |
| T—Cardiology ... | 2 | .. | .. | ... | 2 | 1,602 | 1,093 | 249 | 205 | 3,149 |
| U—Endocrinology | ... | — | .. | ... | .. | 171 | 394 | 17 | 19 | 601 |
| W—Chest-Clinic ... | ... | 1 | .. | ... | 1 | 1,100 | 592 | 68 | 35 | 1,795 |
| X—Epilepsy ... | 1 | .. | .. | .. | 1 | 496 | 318 | 156 | 102 | 1,072 |
| Y—Urology ... | .. | 1 | .. | ... | 1 | 620 | 112 | 10 | 5 | 747 |
| Z—Municipal Staff | .. | .. | .. | — | .. | 8 | 3 | — | .. | 11 |
| 2—Arthritis Clinic | .. | .. | .. | ... | .. | 149 | 162 | 6 | 1 | 318 |
| 3—Sports Clinic ... | .. | .. | ... | ... | .. | 347 | 40 | 4 | 1 | 392 |
| 4—Haematology ... | .. | .. | ... | ... | .. | 4 | 7 | 5 | 4 | 20 |
| 5—Casualty | .., | .. | .. | ... | .. | 52,155 | 17,765 | 9,384 | 5,265 | 84,569 |
| 6—Pneumoconosis | .. | ... | ... | ... | .. | 15 | 1 | 1 | — | 17 |
| 7—Airpollution | .. | .. | ... | ... | .. | 2 | 4 | .. | ... | 6 |
| Grand Total .. | 12,475 | 3,080 | 866 | 527 | 16,948 | 1,53,895 | 83,117 | 25,325 | 16,303 | 278,640 |

APPENDIX IV

Details of average Cost per In-patient and per Out-patients

| Particular | 1981-82 | | 1982-83 | |
|----------------------------|------------|-------------|------------|-------------|
| | In-patient | Out-patient | In-patient | Out-patient |
| I—Establishment .. | 36.84 | 13.12 | 48.71 | 25.45 |
| II—Contingencies .. | 2.61 | 0.84 | 5.40 | 1.92 |
| III—Equipment .. | 2.49 | 0.89 | 1.67 | 0.76 |
| IV—Drug & Medicine | 19.18 | 8.38 | 17.18 | 11.74 |
| V—Diet .. | 4.35 | .. | 5.46 | .. |
| VI—Stores .. | 0.74 | 7.35 | 1.09 | 11.06 |
| VII—Repairs and Maint. ... | 4.48 | 1.27 | 6.07 | 2.03 |
| Total | 70.69 | 31.85 | 85.58 | 52.96 |

APPENDIX V

Results of Examinations

| Name of the Examination | April 1982 | | October 1982 | |
|-------------------------------------|------------|--------|--------------|--------|
| | Appeared | Passed | Appeared | Passed |
| 1st M.B.B.S. | 18 | 17 | 158 | 136 |
| 2nd M.B.B.S. | 173 | 152 | 27 | 20 |
| 3rd M.B.B.S. | 136 | 102 | 173 | 140 |
| F.Y.O.T. | 40 | 26 | 14 | 12 |
| S.Y.O.T. | 31 | 25 | 7 | 6 |
| T.Y.O.T. | 4 | 4 | 31 | 30 |
| F.Y.P.T. | 40 | 35 | 5 | 5 |
| S.Y.P.T. | 35 | 30 | 10 | 9 |
| T.Y.P.T. | 3 | 3 | 36 | 34 |
| M.Sc. (Occupational Therapy) .. | 6 | 6 | .. | .. |
| M.Sc. Physical Therapy .. | 1 | 1 | .. | .. |
| M.D. (Medicine) .. | 13 | 6 | 16 | 10 |
| M.D. (Obst. & Gyn.) .. | 12 | 6 | 20 | 15 |
| M.D. (Pharmacology) .. | .. | .. | 1 | 1 |
| M.D. (Paediatric) .. | 15 | 8 | 18 | 15 |
| M.D. (T.B. & Chest) .. | .. | .. | 2 | 1 |
| M.D. (Skin diseases) .. | 1 | 1 | .. | .. |
| M.D. (Anaesthesia) .. | 6 | 5 | 11 | 11 |
| M.D. (Prev. & Soc. Med.) .. | 3 | .. | 4 | 2 |
| M.D. (Radiology) .. | 2 | .. | 7 | 4 |
| M.D. (Psychological Med.) .. | 2 | 2 | 5 | 4 |
| M.D. (Human Physiology) .. | 1 | .. | 1 | 1 |
| M.D. (Neurology) .. | 2 | 2 | 1 | 3 |
| M.D. (Cordiology) .. | 3 | 1 | 5 | 1 |
| M.D. (Microbiology) .. | 2 | 1 | 2 | 1 |
| M.D. (Pathology) .. | 2 | 2 | 3 | 3 |
| M.S. (Gen. Surgery) .. | 13 | 7 | 15 | 10 |
| M.S. (Orthopaedics) .. | 10 | 3 | 15 | 6 |
| M.S. (E.N.T.) .. | 3 | 2 | 3 | 2 |
| M.S. (Ophthalmology) .. | 1 | 1 | 2 | 1 |
| M.S. (Human Anatomy) .. | .. | .. | .. | .. |
| M.Ch. (Neuro Surgery) .. | 2 | 1 | 1 | .. |
| M.Ch. (Thoracic Surgery) .. | 3 | 2 | 3 | 1 |
| M.Ch. (Plastic Surgery) .. | 1 | .. | 2 | 2 |
| M.Ch. (Paed. Surgery) .. | 2 | 2 | 2 | 2 |
| M.Ch. (Urology) .. | 1 | .. | 1 | .. |
| D.A. | 8 | 8 | 5 | 4 |
| D.V.D. | 2 | 1 | 1 | 1 |
| D.P.H. (part-I) | 2 | 1 | 2 | 1 |
| D.P.H. (Part-II) | 1 | .. | 4 | 2 |
| D.P.M. | 8 | 3 | 9 | 5 |
| D.M.R.D. (Part-I) .. | 2 | 2 | 6 | 4 |
| D.M.R.D. (Part-II) .. | 1 | 1 | 4 | 3 |
| D.M.L.T. .. | 11 | 9 | .. | .. |
| M.Sc. (Bioch.) by part-I .. | 10 | 9 | 2 | 2 |
| M.Sc. (Bioch.) by part-II .. | 11 | 10 | 1 | 1 |
| M.Sc. (Applied Biology) .. | 1 | 1 | 4 | 4 |
| M.Sc. (Bioch.) by Research } .. | 2 | 2 | 1 | 1 |
| M.Sc. (Microbiology) by Research .. | 1 | 1 | .. | .. |
| Ph.D. (Pharm) .. | 1 | 1 | 2 | 2 |
| Ph.D. (Micro) .. | .. | .. | .. | .. |
| Ph.D. (Applied Biology) .. | 1 | 1 | 1 | 1 |
| Ph. D. (Biochemistry) .. | 1 | 1 | 1 | 1 |

APPENDIX VI

RESEARCH

Department of Preventive and Social Medicine :

(1) Profile of Sexually transmitted Disease in Child prostitutes in the Red light areas. Published in child labour and Health a special Publication of a Seminar jointly organised by 'Tata Institute of social science and WORLD HEALTH ORGANIZATIONS.

(2) "Diet for Hypertensive patients" Published in Health education journal Bombay and Beauty Care Vol. No. 1, August 15, 1982:

(3) "Infant Diet" published in "CARE" Vol.1 No. 2 September 1982 Page 17.

(4) "Diet for School going Child" published in "CARE" Vol. 3 September 1982.

(5) "NOVEL" approach to scabies eradication programme in a community accepted to be Published in second half of 1983 Journal "Tropical Doctor" of Royal society of Medicine, London WIMOB, R.

Molecular Biology Department:

(1) Isolation and Characterization of drug resistant plasmids of *Pseudomonas aeruginosa*.

(2) Aeruginocin typing of *Pseudomonas aeruginosa*.

(3) Effect of Drug combination on resistant strains of *Pseudomonas aeruginosa*.

(4) Transfer of Drug resistance from *Pseudomonas aeruginosa* to *Escherichia coli*.

(5) Effect of various chemicals in elimination of Multiple drug resistance in hospital strains.

(6) Identification of Mycobacteria by Fluorescent staining techniques.

(7) Drug sensitivity of *Mycobacterium tuberculosis*.

(8) Study of *Salmonella paratyphi A* Phages.

(9) Isolation and Identification of *Vibrio parahaemolyticus* from Indian Shrimps.

(10) Comparative studies of antibodies to various streptococcal antigens (*viz.* streptolysin O, Streptococcal cellwall polysaccharides and streptozyme antigenic reagent) in patients with streptococcal infections and its sequelae.

(11) Effect of antimicrobial agents on salmonella strains isolated from processed frog legs

Psychiatric Department :**(1) Dr. D.R. Doongaji :**

(a) Effect of three modalities of ECT on fronto-temporo-parietal lobe functions.

(b) Use of oral metoclopramide in the treatment of Schizophrenia and tardive dyskinesia.

(c) CSF and serum immunoglobulin levels in tardive dyskinesia.

(d) Effect of ECT on levels of biogenic amines in CSF and serum.

(e) Standardization of MMPI for Indian Population.

(f) Effect of Iron Deficiency and other kinds of anaemias on human performance.

(g) Abstraction capacity—Is it a function of pathology level, premorbid intelligence or education ?

(h) Study of psychological, genetic and biochemical variables in different grades of mental retardation.

(i) Personality correlates of patients on lithium therapy.

(j) Serum immunoglobulins in psychiatric disorders.

(k) Early clinical evaluation of "Centbutindole—indigenously developed neuroleptic (Phase-II

1- Study of schizophrenic Rorschach protocol in two different populations.

(m) Categorical and dimensional analysis of Hysteria and Schizophrenia.

(2) Dr. L. P. Shah:

(a) Clinical study of patients suffering from neurotic illness and their management (Research Society Project), Phase-I—Management with deep muscle relaxation, yoga therapy and placebo therapy.

(b) Clinical study of patients suffering from neurotic illness and their management (Research Society Project) Phase-II—Clinical and psychopathological study of these patients and management with 3 different treatment modalities *viz.* drug, counselling and biofeedback.

(c) A pilot project at National level of sociodemography in mental illness—multicentric trial (ICMR Project).

(d) Validity of the scale for suicide ideation.

(e) A study of psychiatric morbidity associated with textile mill strike in Bombay.

(f) Study of psychosocial aspects of children whose parents suffer from schizophrenia.

Department of Pharmacology :**Experimental Studies :**

(1) Pharmacological properties of *Hamiltonia Suaveolens*.

(2) Pharmacological properties of *Tinospora Cardifolia*.

(3) Study of hypoglycemic activity of indigenous plant powder used by Ayurvedic physicians.

(4) Study of anticonvulsant effect and other pharmacological actions of *Tantupashan* powder.

(5) Study of hepatoprotective property of *P. longum*, *T. Cardifolia* and pure catechin.

(6) Adaptogenic activity of *Ashwagandha* and *Shatavari*.

(7) Drug interaction between antiinflammatory and antihypertensive agents.

Clinical Pharmacology Studies :

- (1) Effect of chronic treatment with enphenamic acid and ibuprofen on renal function, B. P. and plasma renin activity in normal volunteers and hypertensive patients.
- (2) Study of Aspirin induced hepatotoxicity and nephrotoxicity in children.
- (3) Correlation of oxidation status with drug metabolism.
- (4) Effect of food on bioavailability of drugs.
- (5) Antipyrine half life and thyroid status.
- (6) Epidural pethidine.
- (7) Study of phagocytic function in patients of tetanus and patients for spinal operations and influence of drugs.
- (8) Clinical trial of piper longum in asthma.
- (9) Hormonal profile of Centchroman.
- (10) Phase I study of Mefloquine and antimalarial drug.
- (11) Estimation of doxycycline by a non-invasive method.
- (12) Interaction chloroquine and rifampicin with low dose hormonal contraceptives.
- (13) Bioavailability of theophylline.
- (14) Pharmacokinetics and dose-searching of Centperazine-an antifilarial agent.
- (15) Gugulipid in hyperlipidemia.
- (16) Curcumin in trauma cases.
- (17) Centbutindole as an antipsychotic.
- (18) CGI 13744—an antidiabetic drug.
- (19) CGI 13866—an anthelmintic.
- (20) CGI 10213—radio-labelled kinetics.
- (21) Tolerability (high dose) of 9,333 an anthelmintic.
- (22) Study of blood glucose levels following standard dosage of soluble insulin from different batches.

Department of Anatomy :

- (1) Anatomy of Female Bladderneck and Urethra. Read in Urological Society of India XVI—National Conference Manipal 1982. Dr. M.B. Indurkar.
- (2) Ligamentous Support of Female urethra—Read in Annual Conference of A.S.I. Bombay, 82 Dr. M.B. Indurkar.
- (3) Principles of genetics—Dr. Lopa A Mehta Dr. M.L. Kothari.
- (4) Principles of embryology—Dr. Lopa A. Mehta, Dr. M.L. Kothari.
- (5) Transtechnique aspects of Disease and Death. Dr. Lopa A. Mehta, Dr. M.L. Kothari.
- (6) Medicine—A Biological approach. Dr. L.A. Mehta, Dr. M.L. Kothari.
- (7) Cytoplasm as the basis of cell defferestiation. Dr. Lopa A. Mehta, Dr. M.L. Kothari.

**APPENDIX VII
RESEARCH**

Physiotherapy Department :

(1) As a part of the activities planned by the Silver Jubilee celebrations committee of the physiotherapy School and Centre, a lecture on "Muscle—Past and Future" was delivered by Prof. Sir Andrew Huxley, President, Royal Society and a Noble Laureate, University College, London, on 31st December, 1982.

Physiology Department :

(1) Dr. (Mrs.) Kendurkar, Dr. More, Dr. Dharani, Dr. (Mrs.) Bha. adwaj and Dr. Kashalika published a paper on 'Role of Mn on ouabain induced cardiac arrhythmias in Journal of Post Graduate Medicine October 1982.

(2) The paper entitled "Effect of Mn% on blood sugar levels in rats" was published by Dr. (Mrs.) Kendurkar, Dr. Kashalika and Dr. More in Indian Journal of Physiology and Pharmacology Vol. 26 (No. 3) 1982.

(3) Dr. J.B. Dharani, Dr. Jindal, Dr. G.B. Parulkar published paper on vector impedance cardiography in Indian Heart Journal Vol. 34 1982.

Division of Endocrinology and Metabolic Disorder :

(1) Radioimmunoassay, A Laboratory Manual (a monograph) by Dr. S.D. Bhandarhar and Mr. M.R.A. Pillai Pub. by Bhabha Atomic Research Centre, Trombay, Bombay-400 085.

(2) Syndroms of Inappropriate A.D.H. Secretion, Prevalence in Respiratory Disorders, by B.T. Kudva, S.R. Kamat and S.D. Bhandarhar, J. Postgrad. Medicine 28: 92, 1982.

Radietrics Department :

(1) Dr. N. B. Kumta :

- (i) Siblings with Larsen's Syncope—Indian Pediatrics.
- (ii) Sandhoff's disease—GM2 Typer-II gangliosidosis—Indian Pediatrics.
- (iii) Trisomy—18, a report of 3 cases—Journal of Post-graduate Medicine.
- (iv) Compomelic Dwarfism Syndrome—Journal of Postgraduate Medicine.

(2) Dr. M.K. Jain :

- (i) Shigellosis in Children—Journal of Post-graduate Medicine October 1982.
- (ii) Study of Neonatal Diarrhea—Indian Pediatrics.
- (iii) Study of E-coli in acute diarrhea—Journal of Post-graduate Medicine.

(3) Dr. B.A. Bharucha :

(i) Contributed to Dr. A.G.F. Golwall's book "Medicine for students", 12th Edition. The pediatric section was revised and chapters contributed were :—

- (i) Growth and Development.
- (ii) Vomiting and Regurgitation in the Newborn.
- (iii) Respiratory distress in the newborn and hyaline membrane disease.
- (iv) Failure to thrive.
- (v) Indian Childhood Cirrhosis.

(ii) Papers under publication :—

- (a) Siblings with Larsen Syndrome—Indian Paediatrics.
- (b) Sandhoff's disease GM2 gangliosidosis Type 2—Indian Paediatrics.
- (c) Trisomy-18; a report of 3 cases—Journal of Post-graduate Medicine.

(4) Dr. M.K. Jain :

- (i) Shigellosis in Children. Jr. Post-graduate Med. October 1982.
- (ii) Evaluation clinical criteria in acute diarrhea.
- (iii) Study of Neonatal diarrhea Ind.—Paediatrics.
- (iv) Study of E-Coli in Acute diarrhea Jr. Post-graduate Medicine .

(5) Dr. P.W. Kandoth :

- (i) CSF Immunoglobulins in CNS. Disorders.
- (ii) In Indian Journal of Paediatrics.

Molecular Biology Department :

- (1) Sathe M.J., Joshi L., Bapat R.D., Kamdar M.S. and Supe A.N. (1982) In-vitro and in-vivo efficiency 5 per cent. Povidone—(Betadine) J. Med. and Surg., February 10-12.

Psychiatric Department :

(1) Dr. D.R. Doongaji :

- (a) Use of Metoclopramide in the Differential Diagnosis of Drug Induced Involuntary Movements., Journal of Post-graduate Medicine 28(2) 101-106 (1982) D.R. Doongaji, A.S. Seth, A.B. Desai, J.S. Apte, Shubha Thatte, S.A. Vahora, M.D. Parikh, M.H. Gandhi, J.B. Meher Homji, D. V. Jeste and R. S. Satoskar.
- (b) Tardive Dyskinesia in India : A prevalence study, Journal of clinical/psychopharmacology 2(5), 341-344 (1982) (D. R. Doongaji, D. V. Jeste, N. M. Jape, A. S. Sheth, J. S. Apte, V. N. Vahia, A. B. Desai, S. A. Vahora, Shubha Thatte, Tnaz Vevaina and Jyoti Bharadwaj).
- (c) Study of Intravenous Metoclopramide in 81 patients with Tardive Dyshnesia. Journal of Clinical Psychopharmacology, 2(6), 376-377 (1982) (Dr. Doongaji, D. V. Jeste, N. M. Jape, A. S. Sheth, J.S. Apte, V.N. Vahia, A.B. Desai, M.D. Parikh, L.G. Rathi, M.H. Gandhi, R.M. Parikh, Shubha Thatte Jyoti Bhardwaj).
- (d) Clinical Evaluation Centbutindole—A new antipsychotic agent. (Dr. Doongaji, A.R. Sheth, J.S. Apte, S.A. Vohora, R.M. Parikh A.K. Upadhyaya, Teresa Paul, N.R. Desai, R. S. Satoskar). Submission for publication to Indian Journal of Medical Research.
- (e) Elevated Cerebrospinal Fluid Nirepinephrine in Tardive Dyskinesia. (D.V. Jeste, D.R. Doongaji, M. Loinnoila, N.M. Jape, M. Scheinin, Wen Ho Chang, A.B. Desai, A.S. Sheth, J.S. Apte, S.S. Thatte, R. Jed Wyatt) Submitted for publication to British Journal of Psychiatry.
- (f) Metoclopramide in Gilles de la Tourette's Syndrome : A case report. (A.B. Desai, D.R. Doongaji, R.S. Satoskar) Submitted for publication to American Journal of Psychiatry.
- (g) Some problems in the conduct of psychotropic drug trials—A review. (D.R. Doongaji, M.D. Parikh) Submitted for publication to the Journal of Post-graduate Medicine.
- (h) Psychological sequelae in medical termination pregnancy—study of anxiety and hostility in married and unmarried, first and repeat abortees. Submitted for publication to Indian Journal of Clinical Psychology.

(2) Dr. L.P. Shah :

- (a) Male Homosexuality : A psychiatric study of 13 cases. Indian Journal of Psychiatry, P.V. Pradhan, Dr. K. S. Ayyar, Dr. V. N. Bagadia.
- (b) Male Homosexuality : Treatment 13 cases by Behaviour therapy. Indian Journal of Psychiatry, Dr. P.V. Pradhan, Dr. K.S. Ayyar, Dr. V.N. Bagadia.
- (c) Evaluation Disulfiram in the treatment of Alcoholism, Indian Journal of psychiatry, Dr. P.V. Pradhan, Dr. K.M. Dhawale, Dr. L.P. Shah, Dr. V.N. Bagadia.

PATHOLOGY DEPARTMENT

- (1) Malignant Carcinoid tumors in Children—Cancer—Jan, 1982—Dr. S.Y. Sane.
- (2) Disseminated toxoplasmosis—A case report—Indian Paediatrics.—July 1982—Dr. S.Y. Sane.
- (3) Embryonal rhabdomyosarcome—A case report—Journal of Post-graduate Medicine. 28:174:82—Dr. S.Y. Sane.
- (4) Splenogonadal fusion—A case report, Ind. J. Surgery—July 82—Dr. S.Y. Sane.
- (5) Review Article—Toxic shock syndrome in journal of Scientific Society, 1982, Vol. 9—Dr. S.S. Deodhare.
- (6) " True hermaproditis—A case report with review of literature published in Indian Journal of Pathology and Microbiology—Dr. A.S. Pandit. 25:161-164:1982.
- (7) Primary melanomas of the leptomeninges, A case report of two cases—Dr. A.P. Desai, A.D. Bhat, M.H. Parab, R.D. Nagpal, and G.H. Tilve, Indian J. Cancer, 18, 161-164, 1982.
- (8) The HLA antigens in Indian Hindus. K.K. Mittal, S. Naik, N. Sansonetti, R. Cowherd, R. Kumar and D. Wong.—Tissue antigens 20, 223, 1982.
- (7) Histocompatibility in transplantation.—J.P. Narang, Sita Naik and R.V. Yadav—Bull P.G.I. 16:74-79 1982.
- (10) HLA antigen frequency in endemic tropical sprue—S. Sengupta, Sita Naik and S.R. Naik—Indian Journal of Gastroenterology (i) (in Press).
- (11) Immunoregulatory 'T' lymphocyte subsets—Sita Naik. The M. D. News letter. 5 : 2-5, 1982.
- (12) Hepato cellular carcinoma—An Autopsy study of 23 cases. Dr. I.M. Vora F. P. Candis and V. Vadera—sent for publication to Indian Journal of Cancer.

Department of Microbiology :

(1) Karnik P. P., Kale V. V., Kalambi D. M., Kirtane M. V., 'Bacteriological study of acute Otitis media and comparative trial of three antibiotics. Ind. J. of Otolaryngology, 34, 10-12-1982.

(2) Pal R. B., Kale V. V., Prabha Sundarrjan. 'Salmonella eniggitis, Indian Paediatrec, 17, 377-378 1782.

(3) Kale V. V., Iyer L., Jain M. K. 'Shigellosis in infants and children J. of post graduate Med. 28, 206-207. 1982.

(4) Dr. G. G. Bhawe, 'Platelet antibodies in I. T. P. and other immune disorders' Indian J. Patho. & Micro. 25 : 179 1982.

(5) R. B. Pal. V. V. Kale., Prabha S., Ind. Paed. 19,377—1982.

(6) R. B. Pal. Sant S. M, 'Correlation of Clinical and Bacteriological Diagnosin in Men Meningitis.—J. of Ind. Pathol. Microbiol. : 25 : :291-295; 1982.

Department of Pharmacology :

(1) K. C. Gupta, J. V. Joshi, K. Hazari, S. M. Pohujani and R. S. Satoskar; Effect of low of lowestrogen combination oral contraceptive on mentabolism of aspirin and pheny lbutazone, Int. J. Clinical Pharm. Ther , and Toxic 20,511-513 1982.

(2) M. A. Deshmukh , M. R. Prabho, A. V. Sathe, N. D. Motashaw, K.C. Gupta, P.D. Jarag and R. S. Satoshar-Cogaulation studies following mid-trimester inta-amniotic urea injection. J. Postgrad. Med. 28, 210-213, 1782.

(3) N. K. Desai, K. Karbhari, T. Paul, N. A. Kshirsagar and U. K. Sheth, Prolongation antipyirne half life after correction of sevre anemia due to whookworm infestation. Br. J. Clin. Pharm. 13,745-747, 1982.

(4) N. A. Kshiragar : Noble Prize for medicine-Science Today Dec. 1982.

(5) Kala Mogre, Sunanda S. Nayampalli, Jyoti Bhardwaj, S. J. Kashalika, J. B. Dhurani and Shashkala M. Kendurkar : Role of Manganese in auabain induced cardiac arrhythmias, J. Postgrad, Med. 28, 194 - 197, 1982.

(6) Dr. D. R. Doonagaji A. S. Sheth, A. B. Desai, J. S. Apte, iShubha S. Thatte, S. A. Bahora, M. D. Parikh, M. R. Gandni, J. B. Meherhomji, D. V. Jeste and R. S. Satoshar : Use of metocolopramide in the differential diagnisid of drug induced in volutuntary involuntary movements : J. Postgrad. Med, 28, 101-106, 1982.

(7) Papers accepted for publications :

(a) A. B. Samsi, S, C. Shah, R. A. Bhalerao, B. B. Mody, T. Paul and R. S. Satoskar, Evaluation of Centbucridine as local anesthetic agaent, Anesthesia and Analgesia (Inpress)

(b) D. Dasgupta, M. Garasia, K. C. Gupta, and R. S. Satoshar; A randomised double blind study of Centburidine and lignocaine for suboarachnoid bloch. Ind. J. Med. Res. (Inpress).

(c) S. A. Dahanukar—Rethinking on Ayurvedic Research “—Indian Drugs (and IDMA Publication).

APPENDIX VIII.

Seminar's Conference Associations and Papers read.

Department of Anaesthesiology :

(1) 5 staff members attended the Annual Conference of Indian Society of Anaethetists. Three Scientific papers based on work at our Institutions were presented. One student was guided in Thesis work for M. Sc.

Social Service Department :

(1) Medico-social workers assisted in various medical researches whenever studies on social aspects are conducted. Miss Gowswami conducted a research project and read a paper on 'Psychosocial rehabilitation of burns' patients a study of cases of 5 years and co-author Dr. K. S. Golea. Read at 'Plastic Surgeons' conference.

(2) Social workers attended seminars and presented papers at the seminars conducted by other insitutions. Miss Goswami read a paper on 'Study of paraplegics and their rehabilitation' at inavgural function of Association of Trauma Care of India.

Division of Endocrinology and Metabolic Disorder :

(1) Mr. H. H. Javle read a paper on "Physical exercise in the treatment of diabetes mellitus" at the Conference of World Federation of Physical Therapists at Stockholm in May 1982. The paper has based on work done in the Division.

(2) Mrs. Meena H. Gupte, dietician, attended the XVIth Annual Convention of the Indian Diabetic Association in Calcutta in January 1982.

(3) Mrs. Meena H. Gupte (along with other diaticians in the hospital) presented on exhn bition on "Diet in Diabetes" at the Annual Conference of the General Practitioner's Associatio of Bombay in February 1982.

(4) Dr. B. T. Kudva, Lecturer,
(a) Passed M. N. A. M. S. (Medicine)

(b) Was awarded "Kursonji Ranchhodji Prize" for ithe best statistical analysais.

(5) Dr. S. J. Shah., Registrar

(a) Passed at first attempt the M. D. examination (Medicine and Therapeutics) held by the University of Bombay in November 1982.

(b) Was awarded the Third rank in the above examination.

(6) Dr. Vimala Ratnam, reader, continued to be the Editor in chief of the M. D. Newsletter, a monthly publication of the Dept., of Medicine.

(7) Dr. Vimala Ratnam, reader, was appointed Joint Secretary, Editorial Board, Journal of Association of Physicians of India.

Department of Cardiology :

(1) Department of Cardiology had organised one WHO Seminar on Coronary Heart Disease in Feb. 1982 and also organised "International Conference on Update in Cardiology" at Hotel Oberoi Towers in Dec. 1982.

(2) Head of the Department of Cardiology, Dr. Ivan J. Pinto was awarded the prestigious "Uma Rani Award" at the "International Conference in Tropical Cardiology" in October 1982 for research in Coronary Artery Disease.

(3) The dietician of this Department Mrs. M. M. Prabhu participated in the 16th Annual Convention of Indian Diabetic Association which was held in March 1982 at Calcutta, received the K. G. Naidu Medical Trust Award for best paper on "Therapeutic diet". She had sent for Paper on "Therapeutic diet in hypertension.

Department of E. N. T. :

(1) Participated as a Faculty Member in the VIIth workshop on Neurotology held in Bad Kissingen, West Germany in September 1982.

(2) Participated in the Otologic Microsurgery Workshop in Tübingen in October, 1982.

(3) Invited as a Guest Lecturer on 'Vidian Neurectomy and Vestibulometry' at the University ENT Clinic, University of Rome.

(4) Invited as the Guest Lecturer at the Gujarath State Annual ENT Conference in November, 1982.

Department of Plastic Surgery :

(1) Dr. K. S. Goleria :

(a) Participated in the Summer Conference of the Association of Plastic Surgeons of India at Trivendrum in September 1982 and was on the faculty for the continuing Medical Education Programme.

(b) Participated in the XLII Conference of the Association of Surgeons of India at Bombay in December 1982 and in the Instructional Course. Subject of Facio-Maxillary Injuries.

(2) Dr. C. V. Menendale :

(a) Participated XLII Conference of Association of Surgeons of India at Bombay in December 1982. Presented three papers as follows :

- (i) Treatment of T. M. Joint Ankyosis.
- (ii) Cosmetic Tattooing.
- (iii) Aids to Skin grafting.

(b) Presented a personal photographic Examination on Plastic Surgery at the Scientific Exhibition of XLII Conference of Association of Surgeons of India, Bombay.

(3) Dr. S.R. Tambwekar

(a) Was appointed as (i) Member of the Executive Committee, and (ii) as Convener of the Scientific Exhibition at the XLII conference of the Association of Surgeons of India at Bombay in December 1982.

(b) Two papers on (i) Gastrocnemius myocutaneous flap and (ii) Osteoplastic Transposition flap written by Dr. S.R. Tambwekar were read by Dr. K.S. Goleria in the Summer Conference of the Association of Plastic Surgeons of India at Trivendrum in September 1982, as Dr. S.R. Tambwekar could not attend the same due to some unavoidable circumstances.

(c) Research in Microvascular Surgery has been performed under the guidance of Dr. S.R. Tambwekar with the funds provided initially by K.E.M. Hospital and Seth G.S. Medical College Research Society and later on by R.D. Birla Smarak Kosh. This activity is continuing.

Paediatric Department :

(1) Dr. N.B. Kumta :

(a) W.H.O. Seminar on Heart Diseases—Chairman for the session on “ Rheumatic Fever in India ” Address on “ Rheumatic fever prevention in India, ” at same session February 1982 K.E.M Hospital, Bombay.

(b) Gujrat Academy of Sciences—Invited guest speaker on (i) Inherited Biochemical disorders associated with mental retardation and (ii) Genetic counselling February 1982.

(c) Gujrat Branch of Indian Academy of Paediatrics—Lecture on “ Skeletal Dysplasia ” February 1982.

(d) Indian Medical Association—XIII refresher course Lecture on “ Tuberculosis in Children ” Hubli, March 1982.

(e) VIII Gujrat State obstetricians and Gynaecologists Congress—Keynote Address on— “ Prenatal determination of fetal malformation Ahmedabad, November 1982.

(f) International conference of paediatric cardiology—Address on “ Rheumatic heart Disease ” Bombay, December 1982.

(g) Attended VI World Congress on Mental Retardation, Sponsored by IAASSMD—Toronto, Canada, August 1982.

(h) Attended XXth Annual Conference for the Society for the study of Inborn Errors of Metabolism—“ Trace Metals and Inborn Errors of Metabolism ”—Manchester, England—August—September 1982.

(i) Examiner in M.Sc. (Genetics)—Marathwada University, March 1982.

(j) Examiner for M.D. and D.C.H.—Aurangabad and Ambejogai Marathwada University—March 1982.

(2) Dr. M.D. Shah :

(a) Attended International Conference on Update in Cardiology December 1982.

(b) Lecture delivered on “ Newer Developments in drug therapy of epilepsy.

(3) Dr. M.D. Shah & V.V. Kulkarni :

(a) Attended 2nd National Congress on Respiratory Diseases in Bombay. Papers read—

(i) Evaluation of Forced Expiratory Volume spirogram (EEVS) and PEER in diagnosis. Prognosis and management of bronchial asthma in children.

(ii) Evaluation of usefulness of EEVR and PEER in diagnosis prognosis and management of bronchiectasis in children.

(b) Article under publication : Niemann-Pich Disease Type B with oculoneural involvement : Dr. P.R. Patel and M.K. Jain same as with Dr. M.D. Shah and Dr. V.V. Kulkarni.

(4) Dr. P.W. Kandoth and Dr. (Mrs.) M.K. Joshi :

(a) Attended National Conference on Update in Cardiology, Bombay. “ Rheumatic Fever—Follow up study ” was presented.

(b) Attended National Conference of Indian Academy of Paediatrics. Cuttack, Orissa, December 1982. Paper read : “ Aetiological factors of Prematurity ”.

Paper under publication : “ CSF Immunoglobulins in CNS disorders ”—Published by Indian Journal of Paediatrics September October 1982.

(5) Dr. S.F. Irani :

(a) Took part in the Workshop on Intensive Care in Paediatric Surgery at Bombay, Talk on Thermoregulation in newborn March 1982.

(b) Invited to the Perinatal Medicine Workshop of the POGSI at Bombay. Talk on " Pathogenesis of RDS ". Also took part in the panel Discussion.

(c) Invited by the W.H.O. at New Delhi to the Task Force on Neonatal Care in M.C.H. Programme. Gave a talk on " Neonatal care in the National Perspective.

(d) Took part in the National Neonatology Forum and was Chairman for the Session on " Neonatal shock and Fluid and Electrolyte Requirements of the newborn ".

(e) Invited by W.H.O. and UNICEF through the Ministry of Health New Delhi to take part in the Breast Feeding Workshop and delivered a talk on " Introduction of Solid Foods ".

(6) Dr. M.K. Jain :

(a) Attended Nutrition Society of India Annual Conference at Hyderabad.

(b) 19th National Conference of India Academy of Paediatrics, Cuttack.

(c) National Conference in Update on Cardiology.

(d) Presented a paper " Study of Vit. A levels in Children " at N.I.N. Hyderabad.

(e) Presented paper " Evaluation of Clinical Criteria in diarrhea " at Cuttack, December 1982.

(7) Dr. R.D. Khare :

(a) Presented a paper on " Epidemiology of Rheumatic Fever in India " at WHO sponsored seminar on Tropical Cardiology at K.E.M. Hospital, Bombay. February 1982.

(b) Presented a paper on Child Labour in Rural Community " at the Seminar on Child Labour (joint sponsors WHO & Tata Institute of Social Sciences), held at TISS. Bombay, April 1982.

(c) Attended International Conference on Update Cardiology paper presented on " Epidemiology of Rheumatic fever in India December 1982.

(8) Dr. G.V. Koppikar :

(a) Awarded " Shantilal Sheth Prize and Gold Medal " for standing first at the practical examination in D.C.H., June 1982.

(b) Awarded the Maneck P. Bhagat Gold Medal at the M.D. (Paediatrics) Examination October, 1982.

(9) Dr. M.K. Jain : Conference Attended.

(a) Nutrition Society of India Annual Conference Hyderabad.

(b) Indian academy of paediatric 19th National Conference, Cuttack.

(c) International Conference in update Cardiology.

Papers Presents :

(d) Study Vit. A3in children. N/N Hyderabad.

(e) Evaluation of clinical criteria in diarrhea—Cuttack

(10) Dr. P.W. Kandoth :

(a) Conferences Attended National conference of Update in Cardiology—Bombay— " Rheumatic Fever—Follow up study.

(b) Papers Read :

" Actiological factors of Prematurity " at National conference Indian Academy of Paediatric, Cuttack—Orissa.

Department of Molecular Biology :

(1) Papers presented in Medical Microbiology conference at Calcutta :—

(a) M.J. Sathe, L.M. Joshi, R. D. Bapat Control of Post-operative infections in general surgery cases.

(b) L.M. Joshi, Lata Thiruvankadam, M.G. Karmarkar. T-Typing and serum opacity factor detection of theclinical isolates of Group A streptococci.

Department of Psychiatry :

- (1) Dr. L.P. Shah was installed as the President of the Indian Psychiatric Society, West Zone.
- (2) Dr. L.P. Shah was re-elected unopposed as the Hon. General Secretary of the Indian Psychiatric Society for a second consecutive term.
- (3) Dr. P.V. Pradhan was elected as Joint Secretary of the Staff Society, K.E.M. Hospital and Seth G.S Medical College.
- (4) Dr. P.D. Lakdawala was appointed as Honorary Assistant Psychiatrist and Honorary Assistant Professor in June 1982.
- (5) Dr. (Mrs.) S.S. Thatte, Clinical Psychologist, was awarded the degree doctorate of Philosophy (Ph.D.) for her thesis in clinical psychology.
- (6) Dr. I.R. Rajkumar secured first rank and the Marfeta Gold Medal in M.D. (Branch XI) examination of Bombay University held in November 1982.
- (7) Dr. S.J. Sunkersett and Dr. R.M. Parikh were joint Ist rank at the D.P.M. (Part-II) examination of Bombay University held in May 1982.
- (8) Dr. M.L. Sharam stood first and secured distinction on D.P.M. (Part-II) examination of Bombay University held in November 1982.
- (9) Dr. Gupta stood first in D.P.M. (Part-I) examination of Bombay University held in November 1982.
- (10) Dr. D.R. Doongaji : Papers read.
Psychological Sequelae in Medical termination of pregnancy—Study of anxiety and hostility in married and unmarried, first and repeat abortees. Read at National conference in Clinical psychology at Bombay, November 1982.
- (11) Dr. L.P. Shah : Papers read.
(a) Behaviour therapy in a general Hospital Psychiatry department a six year experience. Dr. V.N. Bagadia, Dr. L.P. Shah, Dr. K.S. Ayyar, Dr. P.V. Pradhan, Read at the 34th Annual Conference of the Indian Psychiatric Society at Madras, January 1982.
(b) Emotional factors in Myocardial Infarction. Dr. B.R. Agrawal, Dr. L.P. Shah, Read at the International Conference on Coronary Artery Disease held in February 1982 at Bombay.

Department of Pathology :

- (1) Papers presented at Annual-conference of Indian Association of pathologists and Microbiologists, held in December 1982 at Ahmadabad.
 - (a) "Cardiomyopathy—An autopsy study"
(Dr. Jaya Subramaniam, Dr. S. G. Kinare).
 - (b) "Aspiration biopsy cytology of breast lesions."
(Dr. A. A. Pandit, Dr. V. K. Gupta, Dr. P. M. Chaphekar, and Dr. S. G. Kinare).
 - (c) Congenital Toxoplasmosis—An autopsy study"
(Dr. S. V. Sane and Dr. Varsha Vadera).
 - (d) "Secondary hyaline membrane disease in Children."
(Dr. S. Y. Sane and Dr. S. S. Deodhare).
 - (e) "Metachromatic leucodystrophy"
(Dr. S. Y. Sane and Dr. H. V. Cunderia.)
 - (f) "Pathology of Hyaline Membrane disease (H.M.D.) in Neonatas"
(Dr. S. Y. Sane and Dr. B. M. Patel).
 - (g) "Renal lesion in bacterial endocarditis—An autopsy analysis of 50 cases (1977-1981)"
(Dr. B. V. Mittal and Dr. S. G. Kinare).
 - (h) "Nodular transformation of the Liver—A case report"
(Dr. I. M. Vora).
 - (i) "Association of Rheumatic heart disease and congenital heart diseases."
(Dr. M. G. Ajinkya and Dr. S. G. Kinare).
- (2) International Conference in Tropical Cardiology, held in Bombay. 1982.
 - (a) "Conduction System in Cardio Tuberculosis." (Dr. S. G. Kinare).
 - (b) "Primary pulmonary hypertension—study of 24 cases."
(Dr. J. Subramaniam and Dr. S. G. Kinare).
- (3) Annual Conference of on respiratory disease held in Bombay December, 1982.
 - (a) "Unusual presentation of tuberculous lesions in lung."
(Dr. M. S. Ajinkya and S. G. Kinare).

- (4) Regional Meeting of Indian association of Pathologists held at Mahabaleshwar, 3S September, 1982.
- (a) "Early diagnosis of Myocardial infarction."
(Dr. M. S. Ajinkya and Dr. S. G. Kinare).
 - (b) "Extra-hepatic portal vein obstruction with portal hypertension—A clinics pathological study of 10 cases."
(Dr. Firoza Dalal, and Dr. R. A. Bhalerao, Dr. I. M. Vora.).
- (5) ISG Kashmir, 1982 held at Srinagar in October, 1982.
- (a) "Extra hepatic portal vein obstruction with portal hypertension—a clinico pathological study of 10 cases" (Dr. I. M. Vora Dr. Firoza Dalal and Dr. R. A. Bhalerao).
 - (b) "Acute hapato-renal damage-autopsy study of 4 cases."
(Dr. F. P. Candes, Dr. I. M.Vora. Dr. B.V. Mittal and Dr. S.G. Kinare).
- (6) Dr. S. G. Kinare was invited to participate in following Seminars.
- (a) "Rheumatic heart disease in Young."
—International conference on Tropical Cardiology held in Bombay October 1982.
 - (b) "Non-specific aorto-arteritis"
—International conference on Tropical Cardiology, held in Bombay, October, 1982.
 - (c) "Ischaemic heart disease."
—Annual conference of railway medical conference held in Jabblepore in December, 1982.
- (7) Dr. S. Y. Sane was invited as speaker in work-Shop on Neonatology at Wadia Hospital.
- (8) Dr. Sita Naik was invited to be a member of the I. C. M. R. Task Force on "HLA in and Disease" Attended meeting of the Task Force at New Delhi on 14th July, 1982.
- (9) Dr. Naik Sita was invited participatant in panel discussion "HLA and Haematology" Annual Cnnference of Bombay Immunology Group, Bombay 5th and 6th Feb. 1982.
- (10) International Symposium on Recent Advance in Immunoheamatology Bombay, 23rd to 25th Oct., 1782.
- (11) Papers presented by Dr. Sita Naik in various conferences.
- (a) IX Annual conference Indian Immunology Society New Delhi 30th and 31st Oct. 1982. "Genetic factors in the Occurrence of epidermic haemorrhagic conjunctivitis and its neurological complications." (Dr. Naih S.).
 - (b) XIII symposium of International union of Immunological societies on "Regulation of the Immune Response and its modulation in infection and Malnutrition" New Delhi 1st to 5th Nov. 1982.
Invited to lead group discussion on the genetic control of the immune response."
32nd Annual Conference of Neurological Society of India held at Cuttack December 1982.
"Morphological pattern in Ethyl nitrusurea tumour of the Nervious system in Rates."
(Dr. A. P. Desai).
Dr. A. P. Desai was invited to speah on "Fungal infection of CNS" in the symposium on 'Non-Tuberculous Infections of CNS' at the 32nd Annual Conference of Neurological Society of India held at Cutack December 1982.

Department of Microbiology :

- (1) 'Detection of Toxoplasma antibodies by passive haemagglutination and enzyna linked immunosorbant assay.'
—Miss Neelam Wagle Dr. C. K. Deshpande Dr. G. G. Bhave.
- (2) 'Two unusual cases of Mycetoma'.
—Mrs. U. D. Wagle Dr. D. S. Pardanani Dr. G. G. Bhave.
- (3) 'Pattern of infections in Neonates (high risk)—Dr. J. G. Kulharni Dr. A. P. Mehta Dr. S. F. Irani P. Singh.
- (4) 'Anaerobes by various methods'.
—Miss J. M. Talwalkar Dr. P. Y. Bhatlavande Dr. A. P. Mehta.

- (5) 'Anaerobic Infection in Surgical Patients'—Dr. A. P. Mehta. presented this paper at All India Surgeons Conference at Bombay—Dec. 1982.
- (6) 'Study of Retrospective and Prospective (1977-1980)
(Post Operative Aerobic and Anaerobic Peritonitis)
Dr. R. A. Bhalerao Smitha Mehta Dr. A. P. Mehta.
All India Surgeons Conference—At Bombay—Dec. 1982.
- (7) 'Bacteriology of Brain Abscess'
Dr. A. P. Mehta Savita Walimbe Dr. S. Gopal Dr. R. D. Nagpal.
Teaching Pathologists At Bombay—Feb. 1982.
- (8) Dr. A. P. Mehta was invited as a faculty member for 'Workshop on Intensive Care in Paediatric Surgery' held on 10 to 15 March 1982 at K. E. M. Hospital.
- (9) Dr. A. P. Mehta also attended workshop on 'Gas Chromatography' organised by Packard Instrument International 1982.
- (10) Dr. V. V. Kale attended 5th National Conference of Association of Medical Microbiologists at Madras held from 10th to 12th Jan. 1982 and presented a paper on 'Bacteriological study of Neonatal Diarrhoea.
- (11) Dr. G. G. Bhave and Dr. M. Mathur attended workshop on 'Gell Immunodiffusion Techniques for Medical Laboratory' held by Microbiology dept. of Grant Medical College-Bombay in Dec. 1982.

Department of Pharmacology :

- (1) VIII Annual Conference of Pharmacologists of Maharashtra State held at Sevagram. Wardha :
 - (a) Antiinflammatory activity of an Ayurvedic preparation containing Ocimum Sanctum, Ocimum basilicum and Acorus calamus—A. B. Varde P. Y. Naik S. R. Naih M. B. Bhide and R. S. Satoskar.
 - (b) Professor Karandikar attended the Conference.
XV Annual Conference of Indian Pharmacological Society held in November 1982 at Chandigarh.
- (2) Papers presented
 - (a) Piper longum in asthma—Shardinin Dahanukar S. M. Karandikar Meena P. Desai.
 - (b) Cardiovascular and diuretic effects of Tinospora Cardifolia in animal models—S. S. Nayampalli S. S. Aniapure and N. K. Desai.
 - (c) Effect of low estrogen combination oral contraceptive on metabolism of aspirin and phenylbutazone : K. C. Gupta, J. V. Joshi, K. Hazari, S. M. Pohujani and R. S. Satoskar.
- (3) All India Surgeons conference held in Bombay—December, 1982. "Improvement of blood flow in peripheral vascular disease patients with epidurally administered, morphine—R. D. Bapat, R. P. Padmashree, K. C. Bhagtani A. R. Bapat N. A. Kshirsagar, G. B. Parulhar.

Department of Paediatric Surgery :

The staff of the Department has actively participated in the following National and International Conferences.

- (1) 42nd Annual Conference of A. S. I. at Bombay.
- (2) 19th Annual Conference of Indian Academy of Paediatrics Cuttack.
- (3) Annual conference of the British Association of Paediatric Surgeons at Madrid.
- (4) West Zone conference of A. S. I.
- (5) Maharashtra State Chapter conference at Nashik.
- (6) Andhra Pradesh State Chapter conference at Vijayawada.

APPENDIX IX.

PROJECTS INVESTIGATIONS AND TESTS.

Department of Biochemistry and Nutrition :

- (1) Action of lipid lowering agents in prevention of Atherosclerosis (project completed).
- (2) Electrolyte balance regulation in controlling essential hypertension and aymic. (Project in progress).
- (3) Some aspects of tryptophon metabolism in mentally retarded children. (Project completed).
- (4) Study of protein metabolisum in alcholies with special reference to amino acids involved in Neurochemical disorders. (Project in progress).

Division of Endocrinology and Metabolic Disorders :

- (1) "Diabetics in the Tropics" under the Burroughs Wellcome Grant (Dr. Bhandarkar together with Prof. R. S. Satoskar, Head of Dept. of Pharmacology.)
- (2) "Plasma I. R. I. in planning Treatment of Diabetes" under a grant from the Society for the help of Diabetics (Dr. V. J. Retnam and Dr. S. D. Bhandarkar).
- (3) "Lipoproteins in Diabetics" (Dr. V. J. Ratnam together with Dr. (Mrs.) Taskar of the Dept., of Biochemistry).
- (4) "Evaluation of Renal Function in Psychiatric patients on Lithium Carbonate" (Dr. S. D. Bhandarkar together with Prof. D. R. Doongaji, Head, Dept, of Psychiatric).
- (5) "Renal Function in Diabetics with Albumin Cria". (Dr. Nishit Shah and Dr. S. D. Bhandarkar).
- (6) "Prevalence of Mitral Valva Prolapse in Thyrotoxic patients (Dr. B. T. Kudva and Dr. Dr. S. D. Bhandarhar together with Dr. (Miss) Neelam Shah and Dr. A. S. Vengsarkar, of the Dept., of Cardiology under a grant from K. E. M. Hospital and Seth G. S. Medical College Research Society.

Department of Chest Medicine :

- (1) Comparative blood levels and physiologic changes after various preparations of theophulline.
- (2) Diagnosis of asbestosis.
- (3) Physiologic studies of exercise induced bronchospasm after beta blockers in hypertensivz patients.

Department of Paediatrics :

Dr. P. W. Kondoth :

- (1) Immunoglobuline estimation in Rheumatic fever.
- (2) C--Reactive Protein for early diagnosis of neonatalsepsis.
- (3) L. D. H. estimates in Urinary Track Infection.
- (4) Blood glucose levels in newborns.
- (5) Echocardiography in congenital Acyanotic Heart disease.
- (6) Thronibocytopenia in children.
- (7) C. S. F. Immuniglobulins in C. N. S. disorders.
- (8) Salicylate To city with High dose Therapy.
- (9) Blood lead levesl in children.
- (10) ELSA of Tuberculoproteiin in T. B. M..

Department of Microbiology :

- (1) Use of Enzyme linked immunosorbent assay (ELISA) for early diagnosis of typhoid fever. Dr. G. G. Bhawe.
- (2) Bacteriological study of Yersenia Enterocolitica Enteric Infections—R. B. Pal.
- (3) Diagnosis of Cryptococcal Meningitis by Cultural Biochemical and Immunological Methods. Mrs. U. D. Wagle Haemagglutination Test and Quinacrine Fluorescence for Rapid Diagsois of Human Malaria.—Dr. J. G. Kulharni, Dr. P. Y. Bhatlavande.

APPENDIX X

List of Operation performed in the Cardiac Vascular and Thoracic operation Theatre :

| | | | | |
|---|----|----|----|------|
| (1) Closure of A.S.D. with/without PAPVC | .. | .. | .. | 78 |
| (2) Closure of A.S.D. with O.M.C. | .. | .. | .. | 1 |
| (3) Closure of A.S.D. with MVR/Mitralplasty | .. | .. | .. | |
| (4) Closure of A.S.D. | .. | .. | .. | 16 |
| (5) A.V.R. | .. | .. | .. | 1 |
| O.M.C. | .. | .. | .. | 1 |
| (6) Closure of V.S.D. with Pulmvalco | .. | .. | .. | 3 |
| (7) Total Correction | .. | .. | .. | 21 |
| (8) Profound hypothermia (TAPVC) | .. | .. | .. | 2 |
| (9) Open mitralvalvotomy | .. | .. | .. | 175 |
| (10) M. V. R. | .. | .. | .. | 89 |
| (11) A. V. R. | .. | .. | .. | 42 |
| (12) O. M. C. M A. V. R. | .. | .. | .. | 23 |
| (13) A.V.R. — M.V.R. | .. | .. | .. | 27 |
| (14) O, M. C.M+.V.R. +A.V.R.+Triplasty | .. | .. | .. | 21 |
| (15) Mitral annuloplasty | .. | .. | .. | 9 |
| (16) Excision of CA myzoma | .. | .. | .. | 2 |
| (17) Aortocoronoary by pass | .. | .. | .. | 8 |
| (18) Aorto-coronary by pass+O.M.C. | .. | .. | .. | 2 |
| (19) Aorto-corrinary by pass×A.V.R. | .. | .. | .. | 2 |
| (20) Pulmonary valvotomy | .. | .. | .. | 6 |
| (21) Arch anurysms. | .. | .. | .. | 4 |
| (22) Rastelli's operation | .. | .. | .. | 3 |
| (23) C.M.C. | .. | .. | .. | 194 |
| (24) Pericardectomy | .. | .. | .. | 11 |
| (25) Pericardial drainage. | .. | .. | .. | 2 |
| (26) Pneumonecnomies | .. | .. | .. | 4 |
| (27) Lobectomies | .. | .. | .. | 22 |
| (28) Open Lung Biopsy | .. | .. | .. | 1 |
| (27) E ploratory thoractomy for a mass in Lung. | .. | .. | .. | 7 |
| (30) Thoracoplasty + Decortication. | .. | .. | .. | 2 |
| (31) Diaphiragm plication. | .. | .. | .. | 1 |
| (32) Division & Suturing of P.D.A. | .. | .. | .. | 32 |
| (33) B. T. Shunt | .. | .. | .. | 30 |
| (34) Waterstous' Shunt. | .. | .. | .. | 1 |
| (35) Lieo/Aorto-renal by pass | .. | .. | .. | 6 |
| (36) Aoroto-iliac by pass | .. | .. | .. | 3 |
| (37) Aorto-femoral by pass | .. | .. | .. | 5 |
| (38) Femoral-pop by pass | .. | .. | .. | 5 |
| (37) Patch Aorotoplasty-correction | .. | .. | .. | 5 |
| (40) Cervical/Lumber symp. | .. | .. | .. | 2 |
| (41) Aorto acrtic by pass. | .. | .. | .. | 2 |
| (42) Embolectomies.i | .. | .. | .. | 39 |
| (43) Carotid sub-calvinan by pass | .. | .. | .. | 3 |
| (44) Carotid endartectomy | .. | .. | .. | 3 |
| (45) Fistula construction. | .. | .. | .. | 20 |
| (46) Popletal Art. Neurysm i | .. | .. | .. | 1 |
| (47) A. K. Amputaion | .. | .. | .. | 1 |
| (48) Ligation of varicose V. | .. | .. | .. | 1 |
| (49) Correction of pectursexcaratum | .. | .. | .. | 1 |
| (50) Secondary suturing i | .. | .. | .. | 22 |
| (51) Reexplorations i | .. | .. | .. | 23 |
| Open heart surgery i | .. | .. | .. | 539 |
| Total No. of Operations. | .. | .. | .. | 1001 |

APPENDIX XI

| Serial No. | Description of Activity | Unit of Measurement | | Actual 1981-82 Patients | Budget Estimate 1982-83 | Revised Estimate 1982-83 | Budget Estimate 1983-84 |
|------------|--|---|--------|-------------------------|-------------------------|--------------------------|-------------------------|
| | | O. P. D. | Indoor | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Medicine Deptt. .. | 139 | 34 | 59,713 | 64,000 | 47,792 | 53,000 |
| 2 | Surgery Deptt. .. | 93 | 28 | 42,136 | 46,000 | 35,452 | 40,000 |
| 3 | Obst. & Gynaec Deptt. .. | 63 | 28 | 27,948 | 33,000 | 25,454 | 30,000 |
| 4 | Paediatric Deptt. .. | 44 | 14 | 18,924 | 24,000 | 15,964 | 20,000 |
| 5 | Premature baby ward .. | .. | .. | 380 | 500 | 500 | 500 |
| 6 | Radiology .. | .. | 274 | 1,00,000 | 35,000 | 3,50,000 | 25,000 |
| 7 | Pathology .. | .. | .. | 6,00,800 | 4,65,000 | 4,00,000 | 4,00,000 |
| 8 | Casualty .. | 237 | .. | 1,00,099 | 1,01,500 | 86,272 | 1,00,000 |
| 9 | Orthopaedic .. | 111 | 12 | 38,263 | 35,000 | 35,888 | 40,000 |
| 10 | Ear Nose Throat Deptt. .. | 70 | 6 | 25,297 | 26,000 | 20,912 | .. |
| 11 | Ophthalmic Deptt. .. | 72 | 6 | 24,698 | 26,000 | 20,446 | 24,000 |
| 12 | Skin & Ven. Deptt. .. | 119 | 1 | 28,130 | 35,000 | 22,672 | 28,000 |
| 13 | Gastro Enterology .. | 4 | .. | 191 | 1,000 | 140 | 500 |
| 15 | Neurology .. | 15 | 1 | 1,201 | 1,800 | 1,706 | 2,000 |
| 16 | Urology .. | 15 | 2 | 1,393 | 1,900 | 1,304 | 1,700 |
| 14 | Blood Bank (Doners) .. | .. | 35 | 12,102 | 15,000 | 13,500 | 14,000 |
| 17 | Speech Deptt. .. | Reflected in Ear, Nose Throat Deptt. | | | | | |
| 18 | Psychology .. | 31 | 4 | 8,862 | 9,500 | 7,774 | 8,500 |
| 19 | Biochemistry Deptt. .. | 280 | .. | 1,02,200 | 1,50,000 | 1,00,000 | 1,50,000 |
| 20 | Pharmacy Deptt. .. | | | | | | |
| | I. V. Bottles .. | 950 | .. | 2,82,812 | 3,00,000 | 30,0,000 | 3,00,000 |
| | Salines Sets .. | 250 | .. | 73,787 | 75,000 | 75,000 | 75,000 |
| | Bleeding Sets .. | 100 | .. | 20,135 | 22,000 | 24,000 | 22,000 |
| 21 | Intensive Care Unit .. | 11 | 6 | 5,508 | 6,055 | 6,255 | 6,300 |
| 22 | Dental Clinic .. | 42 | .. | 15,624 | 16,500 | 11,626 | 15,000 |
| 23 | Neuro-Surgery Deptt. .. | 9 | 1 | 3,064 | 4,000 | 2,714 | 4,000 |
| 24 | Plastic Surgery Deptt. .. | 15 | 2 | 1,270 | 1,500 | 1,220 | 1,500 |
| 25 | Thoracic Surgery Deptt. .. | 17 | 4 | 3,578 | 3,800 | 3,584 | 3,800 |
| 26 | Cardiology Deptt. .. | 33 | 3 | 4,661 | 3,800 | 4,156 | 4,500 |
| 27 | Asthma Clinic .. | Reflected in Chest Clinic | | | | | |
| 28 | Diabetic Clinic .. | Reflected in Endocrinology. | | | | | |
| 29 | Haematology .. | 2 | 2 | 345 | 800 | 258 | 500 |
| 30 | Endocrinology .. | 9 | 1 | 2,775 | 3,400 | 2,446 | 3,000 |
| 31 | Artificial Kidney Deptt. .. | 1 | .. | 380 | 450 | 425 | 450 |
| 32 | Dispensary Service .. | 2 | .. | 396 | 1,000 | 224 | 1,000 |
| 33 | Epilepsy Clinic .. | 10 | 1 | 1,387 | 1,800 | 1,076 | 1,500 |
| 34 | Chest Clinic .. | 22 | 2 | 2,591 | 2,700 | 2,592 | 2,800 |
| 35 | Arthritis Clinic .. | 11 | .. | 383 | 2,000 | 290 | 500 |
| 36 | Vascular Clinic .. | Reflected in Thoracic Surgery Deptt. | | | | | |
| 37 | Immunization Centre .. | 17 | .. | 2,512 | 2,600 | 2,368 | 2,700 |
| 38 | Observation of T. B. Cases .. | Reflected in Medicine Deptt. | | | | | |
| 39 | Audiology Deptt. .. | Reflected in Ear, Nose & Throat Deptt. | | | | | |
| 40 | Mobile Health Unit .. | No such unit is existence in this Institution | | | | | |
| 41 | Occupation Therapy .. | .. | 50 | 13,650 | 12,000 | 13,000 | 15,500 |
| 42 | Physio Therapy .. | .. | 66 | 24,650 | 27,000 | 27,000 | 27,000 |
| 43 | Sports Clinic .. | 8 | .. | 430 | 1500 | 392 | 500 |
| 44 | Evening Dispensary for Municipal Staff. .. | 2 | .. | 7 | 100 | 10 | 100 |

Bai Yamunabai L. Nair Charitable Hospital & Topiwala National Medical College

HIGH LIGHT :—**Hospitals :—**

| | | | |
|--|-----|-----|--------------------|
| (1) Total expenditure including liabilities | ... | ... | Rs. 4,08,80,164.00 |
| (2) Donations received | ... | ... | Rs. 96,129.75 |
| (3) Amount collected from boxes | ... | ... | Rs. 13,329.30 |
| (4) Amount spent from the fund for the poor patients | ... | ... | Rs. .. |

Indoor Patients :—

| | | | | |
|---|---------|-------------|-----|-----------|
| Beds | ... 850 | In-patients | ... | 37,716.00 |
| Daily average number of patients | ... | ... | ... | 981.83 |
| Highest number of Admission on a single day | ... | ... | ... | 221 |
| Highest number of Inpatients on a single day | ... | ... | ... | 1,148 |
| Number of patients discharged during the year, including 1,025 brought from the previous year | ... | ... | ... | 1,227 |
| Cured | ... | ... | ... | 16,379 |
| Otherwise | ... | ... | ... | 16,415 |
| Average stay of patient | ... | ... | ... | 10 days. |
| Average cost per in-patient... | ... | ... | ... | Rs. 70.60 |
| Average cost per out-patient | ... | ... | ... | Rs. 14.25 |

Deaths :—

| | | | | |
|---|-----|-----|--------------|--------------|
| Within 24 hours of admission | ... | ... | ... | 606 |
| After 24 hours but within 72 hours of admission | ... | ... | ... | 189 |
| Exceeding 3 days | ... | ... | ... | 1,173 |
| | | | Total | 1,968 |

Operations :—

| | | | | |
|-----------------|-----|-----|-----|--------|
| Indoor patients | ... | ... | ... | 11,616 |
|-----------------|-----|-----|-----|--------|

Autopsies :—

| | | | | |
|------------------|-----|-----|-----|-------|
| Post-mortem done | ... | ... | ... | 1,082 |
|------------------|-----|-----|-----|-------|

Deliveries :—

| | | | | |
|--------------------------------------|-----|-----|-----|------------------------------|
| (1) Confinements | ... | ... | ... | 3,089 |
| (2) Deliveries | ... | ... | ... | 2,730 |
| (3) Maternal deaths | ... | ... | ... | 9 |
| (4) Medical termination of pregnancy | ... | ... | ... | 717 |
| (5) Sterilization (Female) | ... | ... | ... | 668 |
| (6) Sterilization (Male) | ... | ... | ... | 51 |
| (7) Baby deaths | ... | ... | ... | Full term 23 Premature 94 |
| (8) Baby still-births | ... | ... | ... | Full term 45 Premature 62 |

Out Patient Department :—

| | | | | |
|---|-----|-----|-----|----------|
| (1) O. P. D. New Attendance | ... | ... | ... | 2,06,828 |
| (2) O. P. D. old Attendance. | ... | ... | ... | 7,70,730 |
| (3) Daily average O. P. D. new attendance | ... | ... | ... | 689.43 |
| (4) Casualty attendance | ... | ... | ... | 20,475 |
| (5) Daily O. P. D. attendance (Old + New) | ... | ... | ... | 3,258.53 |
| (6) Highest No. of attendance on a single day | ... | ... | ... | 3,958 |

Court Cases Attended by R. M. O.s :—

| | | | | |
|-----------------------------------|-----|-----|-----|-----|
| (1) Presidency Magistrate's Court | ... | ... | ... | 430 |
| (2) Sessions Court | ... | ... | ... | 125 |
| (3) Motor Accident Tribunal | ... | ... | ... | 60 |

Paying Bed Scheme :—

The paying bed scheme has started functioning from 18-7-1977 in the side section of Ward 17 for female patients and Ward 20 and 21 for male patients 325 patients had taken the advantage of the paying beds during the year 1982.

INTENSIVE PAEDIATRIC CARE UNIT :

An Intensive Paediatric Care Unit started functioning from 1-8-1977 in a special & separate section of the Paediatric ward. The Intensive Paediatric Care Unit admit acutely ill children in need of continuous observation. It is equipped with all the monitoring and resuscitative equipment. A Registrar and a Staff Nurse are posted for round the clock duty. Mortality rate has been declining after the commissioning of this specialised unit. During the year 1982, 323 children were admitted in the unit.

MEDICAL ACUTE CARE UNIT :

The Department of Medicine established a separate Medical Acute Care Unit with 12 beds which started functioning from March 1978 onwards. These beds are housed in a single ward with pooled in equipment which includes Respirators, E. C. G. machine, X-Ray unit etc., All the critically sick patients are isolated in this section and observed under the supervision of trained staff. Medical and Nursing, round the clock service is provided with post-graduate qualified doctors in attendance. 758 patients were treated in this section.

**B. Y. L. NAIR CHARITABLE HOSPITAL
AND
TOPIWALA NATIONAL MEDICAL COLLEGE**

Bai Yamunabai L. Nair Charitable Hospital continued to render Medical Relief to the sick and Topiwala National Medical College imparted Medical Education to the students, as usual.

Dr. J. V. Bhatt, M.B.B.S., M.D. and Dr. K. K. Gulati, B.Sc. (Hons.), M.B.B.S., D.A., C.P.S., D.A., C.I.H., D.P.H., F.R.I.P.H.H. (Lond.) held the posts of Dean and Asstt. Dean respectively during the year.

Dr. (Smt.) P. G. Hiranandani, M.B.B.S. and Dr. (Smt.) N. Dixit, M.D. held the post of Sr. Asstt. Medical Officer.

Shri Dinesh Jadhav held the post of Ward Officer from 8-6-1981 to 12-7-1982. Shri A. D. Doctor held the post of Ward officer from 2-7-1982 to 1-2-1983.

SCOPE OF ACTIVITIES :—

The hospital has been progressively expanding to include various new specialities. Apart from the well established department of General Medicine, General Surgery, Obstetrics and Gynaecology, Psychiatry, Pediatrics, Anaesthesiology, E.N.T., Orthopaedics, Radiology, Tuberculosis, Ophthalmology, Dermatology and Venereology, there are also the specialised departments of Cardiology, Cardio-Thoracic Surgery, Neuro-Surgery, Plastic Surgery, Genito-Urinary Surgery, Nephrology, Gastroenterology, Hematology, Endocrinology, Rheumatology and Collagen Diseases, Neo-natology, Pediatric Surgery, Head and Neck Surgery and the department of Neuro-science, this is approved by W.H.O. for research and training in strokes and tropical diseases. Besides this special out-patient clinics are being conducted in the hospital, namely, Thyroid, Renal, Diabetes, Premature and New Born Care, Hypertension, Asthma, Abortion, High Risk Pregnancy, Glaucoma and Squints Anaesthesia Assessment and a School Clinic.

Special units for hospitalised patients have been developed like Intensive Care Unit and Medical Acute Care Unit. There is a Special Family Planning Centre, Health Check up Centre and a most modern Speech Therapy and Audiology Clinic and department which is also a training school affiliated to the University of Bombay. There are also well established departments of Pharmacy, Physiotherapy, Occupational Therapy, Social Service and Medical Records.

The hospital has an immunization centre and growth and development clinic established by the Department of Preventive and Social Medicine. This department also carries out several health educational programmes in the community and have developed several audio-visuals and sound slide shows on various aspects of health which are regularly screened in the slums of the City.

The hospital has an eye bank and a full equipped blood bank which functions on voluntary donations of blood by relatives of patients and members of the public.

DEPARTMENT OF SEXUAL MEDICINE :—

This department was established in December 1981 and conducts an Out-patient's Clinic once a week. Patients with Sexual dysfunctions are treated at this clinic.

ULTRASONOGRAPHY :—

This unit was established in December 1981 with Ultrasonography equipment with video and biopsy facility costing Rs. 14 lacs. This unit carries out imaging of organs like liver, gall bladder, spleen and also studies of the foetus.

ARTIFICIAL KIDNEY DEPARTMENT :—

This department started functioning in January 1982 with 4 machines. It plans to develop related live donor kidney transplants in the near future.

MENTAL HEALTH CASE OF SCHOOL CHILDREN :—

A special clinic has been set up in the department of Psychiatry which looks after the mental health care problems of the municipal school children.

WORKSHOP FOR THE REHABILITATION OF THE HANDICAPPED :—

A well equipped workshop for handicapped patients requiring rehabilitation has also recently been set up. Patients are given training in envelopes making, purse making, assembling forms of R.T.O. etc.

HEALTH CENTRE :—

Two new health centres have been set up at Shivaji Nagar, Govandi and Shahaji Nagar, Cheetach Camp. The average attendance at these centres is 300 patients per day.

NATIONAL CENTRE OF NEUROSCIENCE :—

At the National Centre of Neuroscience, a C.T. Scan has been installed by construction of additional space, installation of a lift and specialised airconditioning units. At this place, a Guest House for visiting W.H.O. experts has also been constructed. The machine will be available for public very shortly.

DEPARTMENT OF CARDIOLOGY :—

In the department of Cardiology, 2 Dimensional Echo Cardiography Machines have also been installed during the year and are working satisfactorily.

A new life block with 6 lifts has now been constructed as a part of Nair Hospital Building. These 6 lifts, in addition to the 4 already existing in the building, will greatly facilitate movement of staff, patients, public and hospital material.

E.N.T. THEATRE :—

The E.N.T. Theatre has also been renovated providing one more theatre for carrying out highly sophisticated operations. A special T.V. room has been constructed adjoining this theatre so that the operative work can be seen by students on a colour T.V. screen by sitting in this room.

HYPERBARIC CHAMBER :—

Hyperbaric chamber at Kasturba Hospital is now ready for commissioning and will start functioning before the end of March.

TEACHING CENTRE AND PAEDIATRIC CENTRE :—

Conversion of Kamathipura Maternity Home into a teaching centre and the Ahilyabai Holkar Maternity Home as a Paediatric Centre are also nearing completion and both are likely to be commissioned by end of March.

EXPANSION PROGRAMME :

During the next year, it is proposed that the construction of the work of the 18 storeyed Nair Hospital Annexe Building will start and also acquisition of land for Nurses Hostel and other ancillary structures will also be completed. During the next year, it is also proposed to start various super specialities in the Nair Hospital. The super specialities are Haematology, Paediatric,—Surgery, Urology and it is also proposed that all these specialities will get recognised by the University of Bombay for post graduate training. During the next year, it is also proposed to acquire certain equipments for respiratory Functions Laboratory and New sophisticated X-ray machines to replace some of the old ones.

TRAINING CENTRE :—

The hospital provides facility to medical and dental students from the Topiwala National Medical College and Nair Hospital Dental College. Training of nurses also done at these institutes.

CHARGING OF FEES TO O.P.D. AND INDOOR PATIENTS AT THE MUNICIPAL HOSPITAL :—

The Standing Committee under item No. 1733 of 2nd March 1982 has approved M.C.'s proposal for levy of charging of O.P.D. and Indoor papers attending Municipal General Hospital. As per C.A.'s circular No. CA/RG/95 of 2nd March 1982 this scheme is to be implemented from 1st April 1982. The staff at the Registration Counter receive Rs. 2 per O.P.D. case paper from the patients coming for treatment in O.P.D. O.P.D. case paper would be valid for 15 days only. After 15 days the patient has to pay Rs. 2 for renewing the case paper.

As regards Indoor patients an admission fee of Rs. 5 is to be collected at the time of admitting the patient. Each paper is valid for 10 days only. If however the doctor attending on the patient, advises that the patient is required to be kept in the hospital beyond 10 days and the Dean, Assistant Dean or A.M.O. of the hospital on considering the advise prescribed such a stay beyond 10 days the same old form will be continued beyond 10 days and no additional fees would be levied. In the absence of such certificate from the doctor attending on the patient, a fee of Rs. 5 per day of stay in the hospital beyond 10 days is levied and recovered.

PAYING WARD CHARGES :—

The present charges of Rs. 12 per patient per day for paying beds (Side Room) have been increased to Rs. 30 per patient per day. Similarly, present charges of Rs. 6 per patient per day in paying wards at Sion and other hospitals have been increased to Rs. 15 per patient per day. Besides, these patients will also be charged at Rs. 60 for minor operation and Rs. 120 for major operation.

They will also be liable to pay Rs. 10 per X-ray plate for X-ray investigation and Rs. 10 for Pathological/Bacteriological BMR Test each and for E.C.G. or encephalogram. These fees are to be paid in the offices of the hospitals as at present.

The Municipal employees and their nearest dependent family members are to be given treatment free of above levies for case paper etc. The Municipal employees, however, will have to produce his identify card or a proof from the head of the department about his employment in municipal service.

1. DEPARTMENT OF MEDICINE :—

The department of Medicine consists of 3 full-time and 3 part-time units. Department of Medicine have started 6 beds. Artificial Kidney Department with all the facilities for kidney transplant. Department has carried out 4 live donors of kidney transplants.

Department of Medicine is in the process of establishing Gastroenterology, Haematology, Endocrinology and Nephrology as full-fledged super speciality units. with separate 16 beds in each of the departments. This is done to start the D. M. courses in the above said subjects affiliated to University of Bombay.

2. DEPARTMENT OF SURGERY :—

The department of General Surgery is now being developed by acquiring sophisticated instruments such as working elements for cutting urethral stricture and prostatic surgery. G. E. endoscopes plus Photographs attachment, Lecturescope and Teaching accessories for endoscope is ordered. Meetings of the General Units were held quite frequently to discuss and solve the problems in the proper manners. Under-graduate and post-graduate teaching programme as well as clinical meetings were conducted as per schedule. Clinicals as well as lecture programme of the dental students was also conducted properly.

ENDOSCOPIC PROCEDURES :

| | |
|------------------|--|
| Diagnostic | : Weekly twice oesophago, gastro, duodenoscopies. |
| E. R. C. P. | |
| Therapeutic | : 1. Oesophageal variceal injections. 2. Endoscopic sphincterotomies. 3. Endoscopic basketing for extraction of Round worm which obstructed the CBD. |
| Ultra sonography | : Routine diagnostic for all liver, kidney, pancreatic and any other swellings. Ultrasonically controlled antigrade pyelography. |
| Therapeutic | : Ultrasonically controlled percutaneous nephrostomy in hydronephrosis. |

3. DEPARTMENT OF GYNAEC AND OBSTETRIC :—

Department of Gynaec and Obstetric consists of 3 units, one full-time and two units under Hon. Professor and Asstt. Professor. Each unit functions twice a week.

4. DEPARTMENT OF PEDIATRICS :—

The Department of Pediatrics continued to work with one full-time unit and one part-time unit.

The following were the activities of the department during 1982.

I.—INDOOR SERVICES :—

| | | | |
|---|--|-----|------|
| A | Pediatrics Ward : Bed strength | ... | 51 |
| | Total admission | ... | 3051 |
| | Total deaths | ... | 284 |
| B | Intensive pediatric care unit : Bed strength (6 including 2 incubators). | | |
| | Total admission | ... | 323 |
| | Total deaths | ... | 128 |
| C | Neonatal Ward : Bed strength | ... | 55 |
| | Total deliveries | ... | 2991 |
| | Total Deaths | ... | 63 |
| D | During the year 187 sick neonates were transferred from peripheral hospitals. Of these 53 neonates died. | | |
| E | Premature Nursery : Bed strength | ... | 6 |
| | Total admission | ... | 173 |
| | Total deaths | ... | 68 |
| F | Recreation Therapy Centre : All the ambulatory patients from the paediatric Ward are sent to the Centre | | |
| | Total No. of attendance : | | 2163 |

O. P. D. Services :—

A pediatric O. P. D. ...is conducted on all working days of the week.

Total new cases ... 20084

Old cases ... 1,25,000 approx.

Special Care O. P. D : conducted thrice a week.

Total patients visits ... 1309

Neonatal O. P. D. : Conducted twice a week. Total No. of Neonates Patient Visit 4570.

School Clinic : Works for 5 days in a week.

| | New Case's | Old Cases | Total |
|-----------|------------|-----------|--------|
| Primary | 2,592 | 13,456 | 16,048 |
| Secondary | 207 | 385 | 592 |

Peripheral Activities :—

A Diagnostic Centre : Conducted twice a week in the afternoon at Souther Street.

| | | |
|-----------|-----|-----|
| New Cases | ... | 130 |
| Old Cases | ... | 130 |
| Total | ... | 260 |

Child Guidance Clinic : Conducted on all week days. The clinic has been shifted to T. N. Medical College.

| | | |
|-----------|-----|-----|
| New cases | ... | 495 |
| Old cases | .. | 247 |
| Total | | 742 |

Child Welfare Centre : At Bellasis Road.

| | |
|---|--|
| 1. Clinic Attendance | 959 |
| 2. Health Education Classes | 95 |
| 3. Immunization | |
| Triple & Polio | 415 1st 411 2nd 431 3rd 200 Booster |
| 4. Home visits | 1560 |
| 5. Film show | 10 |
| 6. Student nurses from Nair Hospital (for observation visit). | 132 |
| 7. Cases referred to Nair Hospital | 225 |

D. Victoria Pediatric Centre :

| | |
|---|-----------|
| Clinic attendance | 667 |
| Home visits | 437 |
| Immunisation (Triple, Polio). | 1771 |
| Referred cases | 68 |
| Health Education and Nutrition Classes. | 473 |
| Nutrition prophylaxis | |
| Vit. A | 400 |
| Inj. Vit. D | 5 babies. |

Kamathipura Maternity Home :—

| | | | |
|------------------------------|------|--------------------------|----|
| No. of attendance | 359 | No. of cases transferred | 35 |
| Immunisation : Triple B.C.G. | 1176 | No. of Health talks | 60 |

S. Immamwada Mat. Home :

| | |
|--|------|
| No. of patients attended | 337 |
| Immunisation Triple, Polio, BCG, Measles | 2281 |
| Vit. A | 523 |
| No. of Home visits | 464 |

N. Mahim Maternity Home :

| | | | | | | |
|--------------------------|----|----|----|----|----|------|
| No. of patients attended | .. | .. | .. | .. | .. | 201 |
| Immunisation | .. | .. | .. | .. | .. | 3256 |
| Home Visits | .. | .. | .. | .. | .. | 814 |
| Nutrition classes | .. | .. | .. | .. | .. | 663 |

H. Kasturba Hospital :-

Dr. (Mrs.) P. M. Pai, Professor & Head Department of Paediatrics, continues to visit Kasturba Hospital twice a week.

I.—Reay Road Pediatric Centre (Br. Nath Pai Ped Centre) :

Dr. (Mrs.) M. V. Kulkarni, Reader in Pediatrics Visited twice a Week.

| | | | | | | |
|-----------|----|----|----|----|----|-----|
| New Cases | .. | .. | .. | .. | .. | 264 |
| Old Cases | .. | .. | .. | .. | .. | 230 |

Teaching Activities :-

Undergraduate Students : Lecture series and clinical terms.

Postgraduate Students : Clinics, weekly death conference, monthly seminar, intercollegiate meeting.

Nursing Students : Series of 30 lectures twice a year.

B.Sc. (A.S.T.) : Lecture series.

E. M. A. Psychology Students.

5. DEPARTMENT OF ANAESTHESIOLOGY :-

The department is running the anaesthesia, resuscitation and Pain Services at the B. Y. L. Nair Ch. Hospital, Nair Dental College, E. N. T. Hospital (Fort), Bhajekar Hospital, Bhabha Hospital (Kurla), Bhabha Hospital (Bandra), Santacruz General Hospital, Rajawadi Hospital, and Kasturba Hospital.

The number of Anaesthesia this year at the B.Y.L. Nair Ch. Hospital are as follows :-

| | | | | | |
|-----------------|----|------|------------------------------|-----------|--------------|
| Cardiac Surgery | .. | 330 | Neuro Surgery | .. | 436 |
| General Surgery | .. | 4486 | E.N.T. | .. | 1076 |
| Gynaec. | .. | 2082 | Orthopaedic | .. | 2113 |
| Ophthalmic | .. | 136 | Radiology | .. | 204 |
| Cardiac Cath | .. | 180 | E.C.T. | .. | 7655 |
| Recovery Ward | .. | 5162 | Anaesthesia Assesment Clinic | .. | 281 |
| | | | Total | .. | 24247 |

DEPARTMENT OF NEUROLOGY :-

The O.P.D. functions twice a week on Tuesday & Thursday.

| | | |
|--------------------------------------|----|------|
| 1 New cases (Total Indoor & OPD) | .. | 1106 |
| 2 Referred cases | .. | 322 |
| 3 O.P.D. Cases | .. | 844 |
| 4 Admissions | .. | 262 |
| 5 E.E.G. | .. | 80 |
| 6 Myelograms | .. | 23 |
| 7 Carotid Angiograms | .. | 66 |
| 8 P.E.G. | .. | 4 |
| 9 Orbital Venograms | .. | 2 |
| 10 Arch Aortograms & V.B. Angiograms | .. | 4 |

Visitors :

1. Prof. (Smt.) G. Boysen from Denmark.
2. Prof. H. Lechner from Austria.
3. Prof. Athulia from Bangkok.
4. Prof. K. Grainger from Australia.
5. Prof. Barnett from Canada.
6. Prof. Brindoly from U. K. W. H. O. Consultant.

7. DEPARTMENT OF NEUROSURGERY :-

The O.P.D. functions twice a week Tuesday and Thursday.

O. P. D. Attendance :-

| | | | | | | | | |
|-----------|----|----|----|----|----|----|----|------|
| New | .. | .. | .. | .. | .. | .. | .. | 570 |
| Follow up | .. | .. | .. | .. | .. | .. | .. | 1277 |

Indoor admission : 715.

Operation work :

| | | | | | | | |
|---------------------------|----------------------|----|----|----|----|----|-----|
| (a) Craniotomy | (I) Supratentorial. | .. | .. | .. | .. | .. | 75 |
| | (II) Infratentorial. | .. | .. | .. | .. | .. | 20 |
| (b) Spine | (I) Cervical. | .. | .. | .. | .. | .. | 30 |
| | (II) Dorsal. | .. | .. | .. | .. | .. | 21 |
| | (III) Meningocele. | .. | .. | .. | .. | .. | 8 |
| | (IV) Lumbar. | .. | .. | .. | .. | .. | 6 |
| (c) Shunts. | .. | .. | .. | .. | .. | .. | 93 |
| (d) Depressed fractures, | .. | .. | .. | .. | .. | .. | 15 |
| (e) Burr-hole. | .. | .. | .. | .. | .. | .. | 115 |
| (f) Transthoracc. | .. | .. | .. | .. | .. | .. | 5 |
| (g) Stereotactic surgery: | .. | .. | .. | .. | .. | .. | 3 |
| (h) Miscellaneous. | .. | .. | .. | .. | .. | .. | 14 |

Neuro-radiological procednres :

| | | | | | | | |
|-------------------|----|----|----|----|----|----|----|
| Carotid Angiogram | .. | .. | .. | .. | .. | .. | 96 |
| Ventriculogram | .. | .. | .. | .. | .. | .. | 84 |
| Myelogram | .. | .. | .. | .. | .. | .. | 28 |

Radio frequency thermo-Coagulation for trigeminal neuralgia.

35

8. DEPARTMENT OF GASTROENTEROLOGY (Medical) :-

The O.P.D. functions twice a week. During the year 461 out-patients and 592 Indoor patients have been attended. 3300 patients were asked to attend for regular followup.

Routine Investigations :-

| | | | | | |
|--------|----|-----|--------|----|------|
| C.B.C. | .. | 750 | E.S.R. | .. | 750 |
| Urine | .. | 690 | Stool | .. | 1148 |

Biochemical Investigations :-

| | | | | |
|--------------------------|-----|-------------------------------|----|-----|
| Liver Function Test | 465 | Serum Bilirubin | .. | 496 |
| S.G.O.T./S.G.P.T. | 496 | Serum Protein | .. | 532 |
| Serum Electrolyte | 235 | Serum Amylase + Ascitic Fluid | .. | 82 |
| Serum Uric Acid | 8 | Serum Cholesterol | .. | 75 |
| Serum Calcium/Phosphorus | 23 | Serum Creatinine | .. | 351 |
| B.S.P. | 165 | C.S.F. | .. | 4 |
| Acid Phosphatase | 5 | Fibrinogen | .. | 3 |
| P.T./P.T. | 499 | Blood Sugar | .. | 602 |
| B.U.N | 612 | G.T.C. | .. | 4 |
| Alkaline Phosphatase | 476 | | | |

Special Investigations :-

| | | | | | |
|---------------------|----|----|--|----|-----|
| Schilling Test | .. | 41 | Faecal Fat | .. | 46 |
| D-xylose Absorption | .. | 49 | Hepatitis-B Antigen | .. | 65 |
| Gastric Collection | .. | 45 | Protein Electrophoresis Augmented Histamine Test | .. | 126 |

Endoscopies :-

| | | | | | |
|---|----|-----|---|-----|----|
| Sigmoidoscopy | .. | 452 | Oesophago-Gastro-Duodenoscopy | 399 | |
| Oesophago-Gastro-Duodenoscopy (Routine) | .. | 350 | Oesophago-Gastro-Duodenoscopy (Emergency) | 49 | |
| Peritoneoscopy | .. | 205 | E.R.C.P. | .. | 70 |
| Colonoscopy | .. | 126 | | | |

Biopsies :-

| | | | | | |
|----------------|----|-----|------------|----|-----|
| Oesophagus | .. | 61 | Gastric | .. | 151 |
| Duodenum | .. | 11 | Jejunum | .. | 21 |
| Colon & Rectum | .. | 71 | Peritoneum | .. | 47 |
| Liver | .. | 165 | | | |

9. THORACIC AND CARDIOVASCULAR SURGERY :—

O. P. D. Attendance :—

The Department of Cardio-vascular & Thoracic Surgery is running three out-door clinics every week i.e. on every Monday, Thursday and Friday. On an average in outdoor clinics about 4 to 5 new patients are seen; as many indoor and out-door patients are referred from other departments of this hospital as well as from other peripheral hospitals including Kasturba Hospital, Rajawadi, Bandra Bhabha and Jagjivanram Hospital. Their referrals are for various Cardiac, Thoracic & Vascular problems. The total Number of Patients attending O. P. D. during the year 1982 was 1983. The Department of Cardiovascular & Thoracic Surgery have four Operation days every week for cardiac cases.

In 1982, following operative work was done in the department of Cardio-vascular and Thoracic Surgery. Total 334 operations were carried out with breakdown as follows :—

I. TOTAL NO. OF HEART OPERATIONS

| | | | | | | |
|------------------------------------|----|----|----|----|----|----|
| A. Open Heart | .. | .. | .. | .. | .. | 57 |
| 1. Congenital | .. | .. | .. | .. | .. | 35 |
| (a) Cyanotic | .. | .. | .. | .. | .. | 8 |
| (b) Acyanotic | .. | .. | .. | .. | .. | 27 |
| 2. Acquired | .. | .. | .. | .. | .. | 22 |
| (a) Single Valve replacement | .. | .. | .. | .. | .. | 16 |
| (b) Double Valve replacement | .. | .. | .. | .. | .. | 6 |
| B. Closed Heart | .. | .. | .. | .. | .. | 70 |
| 1. Mitral Commissurotomy | .. | .. | .. | .. | .. | 52 |
| 2. Shunt Procedures | .. | .. | .. | .. | .. | 3 |
| 3. P. D. A. & Coarctation of Aorta | .. | .. | .. | .. | .. | 7 |
| 4. Pericardiectomy | .. | .. | .. | .. | .. | 5 |
| 5. Implantation of pacemaker | .. | .. | .. | .. | .. | 3 |

II. Thoracic Operations. 128

| | | | | | |
|------------------|----|----|----|----|----|
| A. Lung Surgery | .. | .. | .. | .. | 14 |
| 1. Pneumonectomy | .. | .. | .. | .. | 2 |
| 2. Decortication | .. | .. | .. | .. | 5 |
| 3. Lobectomy | .. | .. | .. | .. | 4 |
| 4. Rib Resection | .. | .. | .. | .. | 3 |
| B. I. C. D. | .. | .. | .. | .. | 60 |
| C. Scopy | .. | .. | .. | .. | 53 |
| D. Thymectomy | .. | .. | .. | .. | 1 |

III. Vascular Operations. 30

| | | | | | |
|-----------------------------|----|----|----|----|----|
| A. Grafting and Anastomosis | .. | .. | .. | .. | 14 |
| B. Embolectomy | .. | .. | .. | .. | 16 |

IV. Miscellaneous Operations 47

Scalene Node Biopsy,
Re-exploration,
Sec. Suturing, O'scopy,
Varicose Veins,
Lumbar Sympathectomy.

10. DEPARTMENT OF CARDIOLOGY :—

Statement showing the number of Electrocardiograms taken during the year 1982 according to disease-wise.

| Diseases | Total | Diseases | Total |
|---------------------|----------|------------------------|--------------|
| Coronary Thrombosis | ... 1389 | Hypertension | ... 1338 |
| Mitral Diseases | ... 636 | Auricular Fibrillation | ... 99 |
| C. C. F. | ... 159 | Cor Pulmonale | ... 320 |
| Angina Pectoris | ... 85 | Aortic Stenosis | ... 96 |
| Rheumatic Disease | ... 167 | Anaemia | ... 68 |
| Myocarditis | ... 39 | Pericarditis | ... 36 |
| A. S. D. | ... 137 | V. S. D. | ... 164 |
| P. D. A. | ... 33 | Fallot's Tetralogy | ... 59 |
| Heart Block | ... 458 | Diabetes | ... 270 |
| Pulmonary Stenosis | ... 73 | I. H. D. | ... 1148 |
| Normal | ... 3599 | Pain in chest | ... 277 |
| Miscellaneous | ... 4095 | Dextrocardia | ... 20 |
| | | Total .. | 14770 |

2. Other investigations done in the year 1982.

| | | | | | | | |
|---|--|-----|------|---|--|-----|------|
| 1 | Echocardiograms 2-D Echocardiograms. | ... | 1187 | 2 | Cardiac Catheterisation + Coronary Angiogram. | ... | 635 |
| 3 | Treadmill Exercise test Master's test | ... | 15 | 4 | Vector-cardiogram | .. | 75 |
| 5 | Phonocardiogram | | 100 | 6 | Oximeter Blood Test | ... | 3172 |
| 7 | OZ Saturation. Myocardiac Infarction Follow up patients | ... | 500 | 8 | I. C. C. U. admission. | | |
| | | | | 9 | Cardiology admission. | | |

11. RENAL MEDICAL UNIT :

O. P. D.'s are conducted on Wednesdays and Saturdays.

12. HYPERTENSION CLINIC :

Hypertension clinic is run every Tuesday at 11-30 a. m.

13. ASTHMA AND OBSTRUCTIVE AIRWAY DISEASES CLINIC :

Asthma & Obstructive airway diseases clinic is conducted on every Tuesday.

14. PLASTIC SURGERY :

The O. P. D. was conducted every Wednesday and Friday and a total of 550 new cases were seen. In addition, about 90 to 100 patients were seen every week for follow up treatment. Full documentation and records were maintained in all cases.

During the year, 510 cases were admitted for surgery and total number of 435 operations were performed, 250 emergency Plastic Surgery operations, particularly of those of face and hands.

During the year papers entitled (1) "Pan-facial fractures" was presented jointly by Dr. S. M. Mahaluxmivala and Dr. Ashok Shah at 17th National Conference of Association of Plastic Surgeons of India. (2) Problems in "Use of different types of implants in Augmentation Mammoplasty" was presented by Dr. S. M. Mahaluxmivala and "Use of Silastic and Teflon implants in Reconsouring the face" was presented jointly by Dr. S. M. Mahaluxmivala and Dr. Ashok Shah at XVII Annual Conference of the Association of Surgeons of India. (3) "Malignant Melanoma Thumb-Primary Policization" was presented by Dr. S. M. Mahaluxmivala at VIII Annual conference of society for Surgery of the Hand.

The department of Plastic Surgery arrange clinical meetings of plastic surgeons of Bombay. Studies were carried out on "Pharyngeal reconstruction."

15. ENDOCRINOLOGY DEPARTMENT :

O. P. D. Day :—

Mondays and Fridays mornings 11-00 a. m. to 1-00 p. m. No. 19. Patients requiring attention and clinical testing on other days are seen in the department between 10-00 a. m. to 12-00 a. m. every day.

| | | |
|-----------------------------------|-----|------|
| Total No. of patients seen | ... | 1843 |
| New: 481 (Male—264 & Female—217). | Old | ... |
| | | 1362 |

Total No. of patients sample collected :—
Urine—179. Blood—1002.

Semen ... 300

Total No. of Laboratory tests during the year :—

| | | | | | |
|-------------------------|-----|-----|------------------------------|-----|----|
| Creatinine | ... | 235 | Urinary 17 Ketogenicsteroids | ... | 63 |
| Urinary 17 Ketosteroids | ... | 63 | Urinary Pregnanediol | ... | 35 |
| Urinary Estrone | ... | 100 | Pregnanetriol | ... | 50 |
| Urinary Pregnancy tests | ... | 66 | | | |

Blood :

| | | |
|--------------------------------------|-------|------|
| 1. Radioimmunoassay for F. S. H. | ... | 1260 |
| 2. Radioimmunoassay for L H | ... | 1632 |
| 3. Radioimmunoassay for Prolactin. | ... | 1046 |
| 4. Radioimmunoassay for testosterone | ... | 510 |
| 5. Radioimmunoassay for G H | ... | 212 |
| 6. Radioimmunoassay for T. S. H. | ... | 318 |
| 7. Radioimmunoassay for T3 | .. .. | 160 |
| 8. Radioimmunoassay for T4 | .. .. | 160 |
| 9. Radioimmunoassay for LHRH | .. .. | 306 |
| 10. Blood-Lipids-Cholesterol | ... | 27 |
| Triglycerides | ... | 4 |
| Blood sugar | ... | 130 |
| Haemagram | | 2 |

| | | |
|---------------------------------|---------------|------------------------------|
| 11. Plasma Cortisol | ... | 235 |
| 12. Sex Chromatin | ... | 112 |
| 13. Karyotyping of blood | Oral | 112 |
| | Blood | 1 |
| Semen Analysis | 359 | Supra Vital Staining. .. 300 |
| Glycero Phosphorylcholine (gpc) | 65 | Fructose ... 38 |
| Histopathology | 53 | Endometrium ovaries. 15 |
| Tests. | 42 | Epididymal Biopsies. 6 |

Animal House performance :-

| | | |
|---|------|-----|
| 1. Maintenance and Breeding of Rodent Colony. | | |
| 2. Use of rats and mice for Bioassays: | Rats | 200 |
| 3. Animals supplied to other departments : | Rats | 115 |

16. AUDIOLOGY AND SPEECH THERAPY SCHOOL

Academic :

11 students were admitted in F. Y. B. Sc. (A. S. T.) class.

Result of B. Sc. (A. S. T.) students is as follows :

| Class | No. appeared for Exam. | No. declared Pass | % Result |
|--------------|------------------------|-------------------|----------|
| F. Y. B. Sc. | 10 | 9 | 90 |
| S. Y. B. Sc. | 10 | 8 | 80 |
| T. Y. B. Sc. | 9 | 9 | 100 |

Dr. George Bryan, who was a member of Faculty of this department, during 1966-68 under Fullbright Programme, conducted a "Short Course on Aphasia" from 15th March 1982 to 20th March 1982. This course had been arranged in collaboration with the Bombay Branch of Indian Speech & Hearing Association. A large number of current and past staff and students of this department benefitted from the course.

Prof. Heribert J. P. Reitboeck, Head of the Study Group of Applied Physics and Experimental Biophysics, Philips University gave a talk on "Information Processing in the Auditory System" on 22nd March 1982. This lecture had been arranged in association with the Max Meller Bhavan, Bombay.

Clinical :

2488 number of cases were seen as per statement attached.

During the year 40 hearing aids were issued free of cost to needy patients under Indo-Danish Project.

1921 number of ear moulds were issued to the patients.

The poor patients are also being supplied with cords and cells free of cost so that they can use hearing aids to the maximum extent.

Report of classes of Deaf Children :

In February 1982 a picnic was arranged for the children to Vihar Lake and Powai Lake.

At the Inter School Elocution Competition two of our children got prizes.

Some of the children participated in the Inter School art and crafts competition and secured prizes.

In June 1982 approx. 12 children were integrated into normal schools. These children attend class on a part-time basis.

During the calendar year 1982 due to shortage of funds, we did not have the regular celebrations during the festivals. All the events will be organised in 1983.

A documentary film on the treatment of speech and hearing problems and E. N. T. problems has been made by the Films Division. This film is made mainly with the idea of making the public aware of the speech and hearing problems in general and the facilities available in this institute in particular.

17. PREVENTIVE AND SOCIAL MEDICINE :—**Services :—**

In the Community : Comprehensive health Care to Slum Communities.

In the department Comprehensive health care was given to the Municipal Sweeper Community of Arthur Road.

The Schedule of services rendered was 2 times a week.

The record of clinic attendance for the period from January 1982 to December 1982 was as follows :—

| Community | No. of clinic Session held. | No. of first visit. | No. of revisits. | Total. |
|-------------|-----------------------------|---------------------|------------------|--------|
| Arthur Road | 95 | 19 | 1530 | 1549 |

In addition to follow up care at the clinic a proportion of patients were referred to hospitals outpatients departments for consultations and investigations.

(b) B. C. G. Vaccination :

B. C. G. Vaccination was carried out. 1898 neonates and 1168 paediatric patients including the school clinic patients were vaccinated.

In the Community :—

I. COMPREHENSIVE HEALTH CARE TO THE COMMUNITIES :

Comprehensive health care services were provided to two communities :

1. Shivaji Nagar Deonar-through Urban Health Centre.
2. Shahaji Nagar Cheetah Camp-with the help of B. P. C. C. Van.

Activities were shifted to urban health centre on 22nd October 1982.

Following is the report of activities carried out in the two communities for the year 1982.

| | Shivaji Nagar | Shahaji Nagar |
|--|---------------|---------------|
| 1. Total No. of patients treated | 81,054 | 19,440 |
| 2. Total No. of children treated at underfive clinics. | 845 | 670 |
| 3. No. of T. B. patients detected and treated. | 40 | .. |
| 4. Antenatal mothers registered. | 280 | .. |
| 5. Dental check up. | 250 | 150 |
| 6. Immunizations : | | |
| Polio | 3,887 | 1,032 |
| Triple | 3,376 | 302 |
| D. T. | 125 | 5 |
| B. C. G. | 533 | 188 |
| Measles. | 18 | 5 |
| T. Toxoid. | 3,336 | 397 |

II. SCHOOL HEALTH SERVICES :

Medical inspection of school children belonging to standard 1st to VIIth at Cheetah Camp. School was continued. 1260 students from Tamil School, 1334 students from Urdu School and 274 students from Hindi School were examined in the year 1982. (Total-2868 children examined) and 806 children immunised with D. T. and Polio Vaccine.

III. NUTRITION PROGRAMME FOR MUNICIPAL SCHOOL CHILDREN :

Nutrition programme for primary children at Baiganwadi Municipal School was started in the month of February 1982. On average 1143 children per day were given nutrition supplements under this programme.

IV. BALKALYAN KENDRA :

2370 patients were examined and treated in the year 1982. 408 children were given polio vaccine, 206 were given D. T. vaccine, 149 children were given tetanus toxoid and 34 were given D. P. T. Vaccine.

V. HOME PROGRAMME :

Under this programme comprehensive health care services were given to 2 communities.

4541 patients were examined and treated. 229 children were given polio vaccine, 190 triple vaccine, 11 were given D. T. and 132 patients were given tetanus toxoid.

III. Under Five Clinics :—

| Community | Groups | No. under observation | Total No. of visits | Average visits Infant or child. |
|---------------|----------|-----------------------|---------------------|---------------------------------|
| Cheetah Camp. | Infants | 550 | 2800 | 5.09 |
| | Children | 120 | 350 | 2.92 |
| Deonar. | Infants | 651 | 2555 | 3.9 |
| | Children | 194 | 507 | 2.9 |
| Arthur Road. | Infants | 30 | 140 | 4.6 |
| | Children | 125 | 362 | 4.6 |

XII. Social Services :

Community Visits :

| | | | | | | |
|---------------------|----|----|----|----|----|------|
| Cheetah Camp | .. | .. | .. | .. | .. | 1592 |
| Deonar | .. | .. | .. | .. | .. | 2284 |
| Arthur Road | .. | .. | .. | .. | .. | 274 |
| Collateral contacts | | | | | | |
| Communities :— | .. | .. | .. | .. | .. | 262 |
| Health talks | .. | .. | .. | .. | .. | 278 |

Deonar :

| | | | | | | |
|---|----|----|----|----|----|------|
| 1) Nutritional aid to children. | .. | .. | .. | .. | .. | 75 |
| 2) Economic aid in terms of cash, and kind. | | | .. | .. | .. | 85 |
| 3) Clothes. | .. | .. | .. | .. | .. | 135 |
| 4) Referral and follow up in hospitals. | .. | .. | .. | .. | .. | 1002 |
| 5) Case work. | .. | .. | .. | .. | .. | 79 |
| 6) Groups of women are being organised for group activities and health talk sessions. | | | | | | |
| 7. Balwadis are being run by the community under our guidance. | .. | .. | .. | .. | .. | 2 |
| 8. First aid classes introduced for men and women. | .. | .. | .. | .. | .. | 2 |
| 9. Slide shows for Sex Education Programmes have been organised for groups of youths. | | | | | | |

Arthur Road Community :

| | | | | | | |
|---|----|----|----|----|----|-----|
| 1. Nutritional aid to patients. | .. | .. | .. | .. | .. | 650 |
| 2. Case work. | .. | .. | .. | .. | .. | 45 |
| 3. School fees. | .. | .. | .. | .. | .. | 15 |
| 4. Health Education meeting. | .. | .. | .. | .. | .. | 10 |
| 5. Employment given. | .. | .. | .. | .. | .. | 19 |
| 6. Rehabilitation for physically handicapped as deaf, blind, polio and marital discord and family disputes etc. | .. | .. | .. | .. | .. | 17 |
| 7. Economic aid in cash and kind. | .. | .. | .. | .. | .. | 91 |
| 8. Material aid as ration, cloth appliances etc. | .. | .. | .. | .. | .. | 225 |

Cheetah Camp :

| | | | | | | |
|--|----|----|----|----|----|----|
| 1. Nutrition aid to adult and their families. | .. | .. | .. | .. | .. | 55 |
| 2. Economic aid in terms of cash ratio. | .. | .. | .. | .. | .. | 90 |
| 3. Clothes, school fees, books etc. | .. | .. | .. | .. | .. | 35 |
| 4. Referrals and follow up in hospital, case work. | .. | .. | .. | .. | .. | 75 |
| 5. Case work. | .. | .. | .. | .. | .. | 42 |
| 6. Health education task given to mothers. | .. | .. | .. | .. | .. | 25 |

Group activities for adolescent girls and boys started in the centre.

Nutrition programmes under MCH category has been started with the help of Catholic Relief Society in two communities at Deonar and Cheetah Camp for 150 beneficiaries. Cooking demonstration for community women has been adopted as a regular feature.

Special Activities :

1. Arranged a guest lecture by Mrs. Shrilata Batliwala on 'Research in Community Health .
2. Municipal School Children at Baiganwadi Municipal School performed a song-dance sequence on nutrition under the guidance of the departmental staff at the inaugural function of school feeding programme at Deonar.
3. World Health Day Celebrations on 7th April a seminar was organised for interns of "Health Problems of the Aged." Health check up of the elderly was organised in community at Deonar.
4. Hindi version of the slideshow "Roopa's Illness" was screened at University Club House and Tata Institute of Social Sciences for N. S. S. College Teachers of Bombay University.
5. Arranged a guest lecture by Dr. R. K. Anand on "Breast feeding."

Academic Achievements:

1. Audiovisual slide show on "Add life to years" was prepared by Dr. Saraj S. Jha.
2. Dr. Jha invited to attend W. H. O. interconsultative meeting at Delhi in September 1982.
3. Dr. Jha selected for preparation of teaching aids for maternal and child care by UNICEF.

18. THYROID CLINIC :—

Thyroid Clinic is conducted on Monday and follow up on Thursday. The attendance in Thyroid Clinic is as under :—

| | | | | | | |
|--------------------|----|----|----|------|----|------|
| New patients | .. | .. | .. | .... | .. | 450 |
| Follow up & repeat | .. | .. | .. | .. | .. | 1000 |

19. SCHOOL CLINIC :

The Clinic worked in three services viz. Paediatric, Ophthalmic and Aural from Monday to Friday. Attendance of school children was as follows :—

| Services | New | Old | Refer | Total |
|--------------|--------------|--------------|------------|---------------|
| Medical | 2,080 | 10,665 | ... | 12,745 |
| Ophthalmic | 358 | 2006 | 136 | 2,500 |
| Aural | 255 | 1940 | 159 | 2,354 |
| Total | 2,693 | 14611 | 295 | 17,599 |

20. DEPARTMENT OF OPHTHALMOLOGY (EYE BANK) :—

9 Keratoplasty operations were performed during the year 1982.

| | Total | Male | Female | M/Ch. | F/Ch. |
|------------|-------|------|--------|-------|-------|
| New cases | 22 | 5 | 12 | 3 | 2 |
| Admissions | 9 | 1 | 7 | ... | 1 |
| Operations | 9 | 1 | 7 | ... | 1 |

Special Clinics

- (1) Squint Clinic ... Tuesday, at 2.00 p.m. to 5.00 p.m.
- (2) Glaucoma Clinic ... Thursday, at 2.00 p.m. to 5.00 p.m.

Squint Clinic—

Analysis of Squint Clinic from January 1982 to December 1982.

No. of cases registered :—

| | |
|-----|----|
| New | 60 |
| Old | 7 |

| Age | | | | Sex |
|-------------|-----|-----|-----|-----|
| 0-10 years | ... | ... | ... | 12 |
| 11-20 years | ... | ... | ... | 27 |
| 21-30 years | ... | ... | ... | 16 |
| 31-40 years | ... | ... | ... | 4 |
| above 41 | ... | ... | ... | 1 |
| | | | | 60 |

Mode of Presentation :—

| | | | | | |
|--------------------------------|-----|-----|-----|-----|----|
| (1) Deviation | ... | ... | ... | ... | 39 |
| (2) Visual discomfort— | | | | | |
| (1) Near vision difficulty. | ... | ... | ... | ... | 5 |
| (2) Distant vision difficulty. | ... | ... | ... | ... | 6 |
| (3) Eyestrain | ... | ... | ... | .. | 8 |
| (4) Diplopia | .. | ... | .. | .. | 2 |

Precipitating factors for deviation :—

| | | | | | |
|--|-----|-----|-----|-----|----|
| (1) Fever | ... | ... | ... | ... | 9 |
| (2) Ocular Injury with Corneal Opacity | ... | ... | ... | ... | 4 |
| (6) No obvious factor | ... | ... | ... | ... | 47 |

Types of Squint :—**I.—Heterophorias :—**

| | | | | | |
|--|-----|-----|-----|-----|---|
| (1) Esophoria | ... | ... | ... | ... | 5 |
| (2) Exophoria | ... | ... | ... | ... | 5 |
| (3) Exophoria with convergence sufficiency | ... | ... | ... | ... | 6 |

II.—Heterotropia :—

| | | | | | |
|----------------|-----|-----|-----|-----|----|
| (1) Convergent | ... | ... | ... | ... | 20 |
| (2) Divergent | ... | ... | ... | ... | 24 |

III.—Paralytic squint :—

| | | | | | |
|-------------------|-----|-----|-----|-----|---|
| Third nerve palsy | ... | ... | ... | ... | 2 |
| Sixth nerve palsy | ... | ... | ... | ... | 2 |
| Duan's Syndrome | ... | ... | ... | ... | 1 |

Refractive State :—

| | | | | | |
|------------------------------------|-----|-----|-----|-----|----|
| (1) Emmetropia | ... | ... | ... | ... | 18 |
| (2) Hypermetropia | ... | ... | ... | ... | 18 |
| (3) Hypermetropia with Astigmatism | ... | ... | ... | ... | 6 |
| (4) Myopia | ... | ... | ... | ... | 11 |
| (5) Myopia with Astigmatism | ... | ... | ... | ... | 7 |

Types of Convergent squint (Concomitant) :—

| | | | | | |
|-------------------------|-----|-----|-----|-----|----|
| I.—(1) Alternating | ... | ... | ... | ... | 10 |
| (2) Unocular | ... | ... | ... | ... | 10 |
| II.—Angle of Deviation— | | | | | |
| (a) —10° | ... | ... | ... | ... | 3 |
| (b) 11—15° | ... | ... | ... | ... | 4 |
| (c) 16—20° and more | ... | ... | ... | ... | 5 |
| (d) 21°—25° | .. | .. | .. | .. | 5 |
| More than 25° | .. | .. | .. | .. | 5 |

| | | | | | | |
|--|-----|-----|-----|-----|-----|----|
| Unocular Convergent squint— | | | | | | |
| (1) With Eccentric fixation | ... | ... | ... | ... | ... | 5 |
| (2) With fixational recovery | ... | ... | ... | ... | ... | 5 |
| Types of Divergent squint :— | | | | | | |
| I.—(1) Alternating | ... | ... | ... | ... | ... | 17 |
| (2) Unocular | ... | ... | ... | ... | ... | 7 |
| II.—Angle of deviation— | | | | | | |
| 0—10° | ... | ... | ... | ... | ... | 5 |
| 10°—15° | ... | ... | ... | ... | ... | 4 |
| 16°—20° | ... | ... | ... | ... | ... | 6 |
| 21—25° and above | ... | ... | ... | ... | ... | 8 |
| Unocular Divergent squint :— | | | | | | |
| (1) With eccentric fixation | ... | ... | ... | ... | ... | 3 |
| (2) With fixational recovery | ... | ... | ... | ... | ... | 4 |
| Grades of Binocular function on synoptophore:— | | | | | | |
| (1) SMP plus F plus Stereopsis | ... | ... | ... | ... | ... | 15 |
| (3) S. M. P. | ... | ... | ... | ... | ... | 5 |
| (4) No grade | ... | ... | ... | ... | ... | 40 |
| Treatment— | | | | | | |
| (1) Spectacle correction | ... | ... | ... | ... | ... | 10 |
| (2) Advised contact lenses | ... | ... | ... | ... | ... | 2 |
| (3) Convergence exercises | ... | ... | ... | ... | ... | 10 |
| (4) Surgical correction— | | | | | | |
| Performed | ... | ... | ... | ... | ... | 8 |
| Advised | ... | ... | ... | ... | ... | 25 |
| (5) Intermittent phorias (about 5-7°) Vitamins and General Improvement of nutrition | ... | ... | ... | ... | ... | 5 |
| Glaucoma Clinic :— | | | | | | |
| Analysis of the data of Glaucoma clinic of the department of Ophthalmology, in the year 1982 | | | | | | |
| (1) Total number of cases registered from January 1982 to December 1982— | ... | ... | ... | ... | ... | 40 |
| Old Cases for follow up:— | ... | ... | ... | ... | ... | 5 |
| Sex :— | | | | | | |
| No. of male patients | ... | ... | ... | ... | ... | 29 |
| No. of female patients | ... | ... | ... | ... | ... | 16 |
| Age groups :— | | | | | | |
| Less than 30 years | ... | ... | ... | ... | ... | 4 |
| 31—40 years | ... | ... | ... | ... | ... | 3 |
| 41—50 years | ... | ... | ... | ... | ... | 11 |
| 51—60 years | ... | ... | ... | ... | ... | 17 |
| 61—70 years | ... | ... | ... | ... | ... | 10 |
| No. of diabetic patients screened for evidence of glaucoma from January 1982 to December 1982—Nil. | | | | | | |
| I. Primary open angle glaucoma. | | | | | | |
| (a) Open angle, C/D ratio above 0.5 field defects, low facility ('C' value less than 0.12) and positive WDT— | ... | ... | ... | ... | ... | 13 |
| (b) 'C' value less than 0.12 | ... | ... | ... | ... | ... | 4 |

| | | | | | |
|---|-----|-----|-----|-----|----|
| II. Narrow angle glaucoma with acute attack | ... | ... | ... | ... | 6 |
| III. Congenital glaucoma—Juvenile | ... | ... | ... | ... | 1 |
| IV.—Secondary glaucoma : | | | | | |
| (a) Lens induced | ... | ... | ... | ... | 8 |
| (b) Aphakic glaucoma | ... | ... | ... | ... | 1 |
| (c) Absolute glaucoma | ... | ... | ... | ... | 2 |
| (d) Following iridocyclitis | ... | ... | ... | ... | 8 |
| 1) Iris Cyst. | | | | | 2 |
| 2) Iris atrophy | | | | | |
| V.—Unilateral glaucoma | ... | ... | ... | ... | 45 |
| VI. Glaucoma diagnosed in past and operated in past follow up clinic for follow up— | | | | | 5 |
| (a) Iridencleisis | ... | ... | ... | ... | 3 |
| (b) Scheie's | ... | ... | ... | ... | 2 |

Treatment :—

1. Primary Glaucomas :

A—Primary open angle glaucoma.

| | | | | | |
|--|-----|-----|-----|-----|---|
| (1) Pilocarpine with/without diamox. | ... | ... | ... | ... | 8 |
| (2) Operated | ... | ... | ... | ... | 9 |
| B—(1) Narrow angle Glaucoma operated | ... | ... | ... | ... | 4 |
| (2) Initially Medical Care carried out and surgery advised | ... | ... | ... | ... | 2 |

2. Secondary Glaucoma

| | |
|-----------------|---|
| Cyclodiathermy | 1 |
| Cyclodialysis | 2 |
| Cycloanimsation | 2 |
| Cyclocryopexy | 3 |
| Iridencleisis | 1 |
| Cat. Extn. | 7 |
| Med. Treatment | 4 |
| Trabeculectomy | 2 |
| Scheie's | 1 |

23

21. GENITO URINARY SURGERY DEPARTMENT :—

The following operations were performed in the department of Genito Urinary Surgery during the year 1982 :—

| | | | | | | |
|---|----|----|----|----|----|----|
| (1) Cystoscopy | .. | .. | .. | .. | .. | 46 |
| (2) Cystoscopy with TUR for prostate enlargement | .. | .. | .. | .. | .. | 37 |
| (3) Nephrolithotomy | .. | .. | .. | .. | .. | 1 |
| Phyelolithotomy | .. | .. | .. | .. | .. | 9 |
| Ureterolithotomy | .. | .. | .. | .. | .. | 5 |
| (4) Nephrectomy | .. | .. | .. | .. | .. | 2 |
| (5) V. V. A. | .. | .. | .. | .. | .. | 3 |
| (6) V. E. A. | .. | .. | .. | .. | .. | 2 |
| (7) High ligation of Varicocele | .. | .. | .. | .. | .. | 5 |
| (8) Orchidectomy | .. | .. | .. | .. | .. | 1 |
| (9) Frayer's Prostatectomy | .. | .. | .. | .. | .. | .. |
| (10) Urethroplasty | .. | .. | .. | .. | .. | 2 |
| (11) Millin's Prostatectomy | .. | .. | .. | .. | .. | 3 |
| (12) Meatoplasty | .. | .. | .. | .. | .. | 2 |
| (13) Cystoscopy with Internal Urethrotomy | .. | .. | .. | .. | .. | 5 |
| (14) Cystoscopy with ascending pyelography | .. | .. | .. | .. | .. | 11 |
| (15) Circumcision | .. | .. | .. | .. | .. | 19 |
| (16) Cystoscopy with fulguration of papilloma | .. | .. | .. | .. | .. | 8 |
| (17) Vasectomy | .. | .. | .. | .. | .. | 2 |
| (18) Testicular biopsy | .. | .. | .. | .. | .. | 2 |
| (19) Cystoscopy with Cystoscopic lithotripsy | .. | .. | .. | .. | .. | 5 |
| (20) Urethral dilatation | .. | .. | .. | .. | .. | 13 |
| (21) Suprapubic Cystolithotomy | .. | .. | .. | .. | .. | 1 |
| (22) Ureteric implantation into sigmoid colon | .. | .. | .. | .. | .. | 1 |
| (23) Total Amputation of Penis with Bilateral Orchidectomy. | .. | .. | .. | .. | .. | 1 |
| (24) Suprapubic Cystoscopy | .. | .. | .. | .. | .. | 2 |
| (25) Cystoscopy with removal of Ureteric stone. | .. | .. | .. | .. | .. | 2 |

22. DERMATOLOGY AND VENEREOLOGY :—

The department functions all the days except Sundays from 8.00 a. m. onwards.

O. P. D. Attendance—**A.—Infection—**

| | New | Old |
|---|----------|--------|
| (a) Skin infections | 37,764 | 28,769 |
| (b) V. D. Cases | 18,874 | 11,540 |
| (c) Total Infections | 58,638 | 40,309 |
| (d) Non-Infections | 22,707 | 14,895 |
| (e) Ratio of Infection—Non Infection | 2 : 1 | |
| (f) Maximum Attendance of one day | 708 | |
| (g) Total Attendance | 81,345 | 55,204 |
| (h) Grand total of the year 1982 | 1,36,549 | |

Inpatients—**B.—Investigations—**

| | Total | Abnormal |
|-------------------------------------|-------|----------|
| (a) Biopsies | 830 | All |
| (b) V. D. R. L. | 8,604 | 6,095 |
| (c) Dark ground Illumination | 5,069 | 2,968 |
| (d) Smear for Gonococci | 4,431 | 3,980 |
| (e) Smear for Donovanosis | 473 | 249 |
| (f) Smear for Chanchroid | 193 | 5 |
| (g) Smear for Leprosy | 742 | 469 |
| (h) Scales for Fungus | 9,975 | 9,096 |
| (i) Urine | 1,968 | 784 |
| (j) Stool | 582 | 296 |
| (k) Blood Count | 863 | 320 |
| (l) E. S. R. | 980 | 415 |

Photographs—**C.—Therapy—**

| | |
|---------------------------------|-------|
| (a) Superficial—X-Ray | 4 |
| (b) Electro Dessication | 1,642 |
| (c) Chemical Cautery | 1,548 |
| (d) Phodopylline | 1,863 |
| (e) Intralesional Steroid... .. | 1095 |

D.—Medical Education :

Lectures and Clinics.

Lectures Delivered by Guest Speakers :

1. Prof. J. S. Comaish (New castle upon Tyne U. K.)—Dermal Surgery.
2. Prof. J. S. Comaish (New Castle upon Tyne U. K.)—Clinical symptomatology & diagnosis of Drug Induced Disorders.
3. Prof. K. Keczhcs—U. K. immunochemithrapy of Malignant Melanomas.
4. Prof. K. Keczhcs—U. K. Persistence of allergic contact sensitivity.
5. Prof. L. Millard—U. K. Clinical subsets in Lupus Erythematosus.

23 DEPARTMENT OF PAEDIATRIC SURGERY :

The department of Paediatric Surgery is not yet fully established and is run by Dr. A. B. Mathure, Dr. R. L. Shah, Dr. Mohla, Dr. Parekh (Paediatric Surgical Registrar) and Surgical Tutor and Surgical Registrar and Housemen from Unit No. 3. Unit attends to all Paediatric Surgical Emergencies everyday and have done fair number of major to minor Paediatric Surgical cases.

Total No. of operations .. 200

Emergency Operations :

| | |
|--|----|
| (a) Exploratory Laparotomy. | 20 |
| (b) Bronchoscopy. | 8 |
| (c) Other Neonatal Emergency like Imperforated Anus. | 3 |
| Tracheo-Oesophageal Fistula. | 1 |
| Diaphragmatic Hernia. | 1 |

Routine Operations :—

| | | | | | |
|---|----|----|----|----|---|
| (a) Sacral-Pull-through. | .. | .. | .. | .. | 4 |
| (b) Hypospadias Repair. | .. | .. | .. | .. | 8 |
| (c) Lobectomy. | .. | .. | .. | .. | 2 |
| (d) Pneumonectomy. | .. | .. | .. | .. | 2 |
| (e) Ramstedt's Pyloromyotomy. | .. | .. | .. | .. | 2 |
| (f) Splenectomy | .. | .. | .. | .. | 2 |
| (g) Operations for Hirschsprung's Disease. | .. | .. | .. | .. | 8 |
| (h) Anderson's Hynes Operation. and other routine surgery. | .. | .. | .. | .. | 3 |

24 GASTROENTEROLOGY SURGICAL SERVICE.

The Gastro-enterology Surgical Service is conducted on Mondays from 9.00 a. m. onwards.

25. PSYCHIATRY DEPARTMENT :—

There are two units in the Department of Psychiatry A Part-time unit headed by Dr. A. P. Patkar, A fulltime unit headed by Dr. (Mrs) H. S. Dhavale.

Indoor Services :—

| | | | | Male | Female |
|-----------------------------|----|----|----|------|--------|
| Total admission | .. | .. | .. | 1028 | 647 |
| Total bed strength | .. | .. | .. | 25 | 17 |
| Daily average admission | 10 | .. | .. | 6 | 4 |
| Daily average ward strength | 55 | .. | .. | .. | .. |
| Total deaths | .. | .. | .. | .. | Nil |

Average admissions for alcoholism and alcohol related disorders : 6 to 10 per week (approximately 20% of patients population at time.)

O. P. D. Services :—

The Psychiatry O. P. D. is conducted on all working days of the week.

| | | | | | |
|-------------------------|----|----|----|----|------|
| Total new cases | .. | .. | .. | .. | 4540 |
| Daily average new cases | .. | .. | .. | .. | 14 |
| Referred cases | .. | .. | .. | .. | 1125 |

Therapies :—

| | | | | | |
|-------------------------|----|----|----|----|------|
| Insulin therapy | .. | .. | .. | .. | 20 |
| Total No. of E. C. T.s | .. | .. | .. | .. | 6965 |
| Daily average C. E. T.s | .. | .. | .. | .. | 40 |

Psychotherapy including behaviour therapy and marital counselling and family therapy—approx 10 per week.

Play therapy for children is conducted on every Thursday and average 3-4 children per session attend it.

Group therapy for alcoholics and sex related disorders are also conducted once per week.

Teaching Programme :—

Following was the teaching Programme of our department in the year 1982.

(1) Lectures and case discussion for postgraduate students : by senior psychiatrist twice per week.

(2) Journal club on alternate Friday.

(3) Short topic discussion on alternate Friday.

(4) Lectures on psychology : For Nurses of B.Y.L. Nair Ch. Hospital.

(5) Lectures for undergraduates of T.N. Medical College.

(6) Lectures for students of Speech and Audiology Therapy.

(7) Lectures and Clinics for students of Tata Institute of Social Sciences.

Highlights of Annual activities of the Department of Psychiatry :—

(1) 35th Annual Conference of India Psychiatric Society : The department of Psychiatry has taken great efforts to host in Bombay the 35th Annual Conference of Indian Psychiatric Society, in this year. Though it was actually on 5th 6th and 7th January 1983, the preparations of it started in September 1982. All the members of the Dept. were actively involved in organisation of the conference Dr. C. Pinto and Dr. Barve worked as Organising Secretaries to make this conference grand success.

(2) 13th Annual Conference of West Zone of Indian Psychiatric Society : 13th Annual Conference of West Zone of Indian Psychiatric Society was held this year at Kripamayee Institute, Miraj on 20th and 21st November 1982. Nine Psychiatrists from our department attended it. We presented one paper on 'Comparison of alcohol dependent females and alcohol dependent male in a city, hospital sample' (With the aid of overhead projector) which was discussed with enthusiasm and was appreciated by the attending psychiatrists.

Public Relations :—

In the year 1981-82, the department was also ahead in conveying concept of mental health to general population. All the members of our department attended various seminars to provide information regarding psychological disorders, delivered speeches on All India Radio on various psychiatric topics, attended discussions arranged by various medical and paramedical professionals. Motivation being bringing awareness about on mental health in the mind of every citizen of this city, our department always extended helping hand towards them. Regular articles on Psychiatry, written by some of our doctors were published in regular new papers.

Miscellaneous :—

A Psychiatrist from our department also attends child Guidance Clinic (attached to Paediatric Department), everyday.

Annual Report of School Mental Health Clinic for the year 1982 :—

The School Mental Health Clinic (S.M.H.C.) catering to the needs of Municipal School children was inaugurated on 22nd January 1982 by Shri Arun Dabholhar, Chairman, Education Committee, Bombay Municipal Corporation.

The School Mental Health Clinic carries out mental health check up at O.P.D. No. 13, Dept. of Psychiatry, B.Y.L. Nair Ch. Hospital. The children are mainly referred from Municipal Hospital. The children are mainly referred from Municipal and Private Schools, Medical Officers, Teachers, Parents etc. The team also operates by arranging lectures, programmes, and psychological examination of the children in the peripheral schools.

Total No. of New examined in the clinic 735
Total No. of cases followed up in the clinic 800

Lectures on mental health problems of the school children were arranged in following schools —

- (1) A. K. Munshi Yojna, Girgaon.
- (2) C incholi Municipal School, Malad.
- (3) Anjuman Islam High School, Mahim.
- (4) Bazar Road Municipal School, Bandra.
- (5) Shivaji Nagar Municipal School, Govandi.

- 2 Lectures : 1. General Topics.
2. Specific on mental retardation and enuresis.

- (6) Maharshi Shinde Municipal School.
- (7) Kamathipura Municipal School.

- 2 Lectures : 1. Parents.
2. Teachers.

(8) A Special meeting of 400 Municipal School Teachers in Bhandup was addressed by the team.

The team of School Mental Health Clinic Visited the following schools for examination of referred children :—

- (1) A. K. Munshi Vojna—2 visits.
- (2) Shivaji Nagar Municipal School—5 visits.
- (3) Kamathipura Municipal School—6 visits.
- (4) Khar Danda Municipal School.
- (5) Colaba Municipal School.

Since the team has no provision of a vehicle, work in other school could not be carried out.

In April 1982, a series of Orientation. 2 week programme was arranged for the Medical Officers (School) by the school Mental Health Clinic.

Play therapy, Group Therapy of the parents of the Mentally retarded children, counselling work is carried out by their team.

Annual report for the year 1982 of Occupational Therapy in Psychiatry Unit of B.Y.L. Nair Ch. Hospital :—

| Serial No. | Unit | Total No. of patients. | Total visits Indoor. | Total visits in O.P.D. |
|---------------|--|------------------------|----------------------|------------------------|
| 1 | Dr. A. P. Patkar's Unit Indoor | 581 | 7,354 | 4,767 |
| 2 | Dr. (Mrs.) H. S. Dhavale's Unit Indoor | 562 | 6,723 | 4,666 |
| 3 | Day Care Unit and Workshop (Dr. A. P. Patkar and Dr. H. S. Dhavale O.P.D. patients). | 73 | .... | 2,033 |
| - Grand Total | | 1,236 | 14,277 | 11,606 |

Clinical Psychologist's Annual Report for the year 1982 :—**Smt. Purnima Bhide :—**

Total No. of cases seen—836.

(1) Visited Govandi Municipal School to test—Gujarati and Marathi children (I.Q. C.A.T. B.G.).

(2) A. K. Munshi Yojna special school for Retarded to test the I.Q. of Retarded children.

(3) Visited Goa Hindu Association and (C.E.G.), Seva Niketan—(C.G.C.) and Society for care training and Rehabilitation for the children in need of special care at Sivri S.P.J. Sadhana School for discussion about various tests and therapeutic methods used in agency.

Took play therapy sessions with children's having emotional problems, counselling and parental therapy.

Miss Vijaya Bhasasale :—

| | | | | |
|-----------------------------|----|----|----|-----|
| School Mental Health Clinic | .. | .. | .. | 105 |
| Ward | .. | .. | .. | 70 |
| O.P.D. | .. | .. | .. | 46 |
| Total | | | | 241 |

Mr. N. N. Kamble :—

| | | | | |
|-----------------------------|----|----|----|-----|
| School Mental Health Clinic | .. | .. | .. | 357 |
| O.P.D. | .. | .. | .. | 236 |
| Ward Cases | .. | .. | .. | 175 |
| Total | | | | 847 |

Miss Meera Bhutta :-

| | |
|---|-------|
| I. (a) No. of cases referred in the O.P.D. .. | 425 |
| (b) No. of old cases followed up in O.P.D. .. | 1,078 |
| (c) No. of new cases referred in the ward .. | 288 |
| (d) No. of counselling sessions with .. | 1,234 |

Patients and their relatives and in necessary cases referred them to special school.

II. Visits :-

| | |
|----------------------------|----|
| (a) Home visit .. | 10 |
| (b) Institutional visit .. | 15 |

III. Donation—Received Rs. 1,888 for the drugs :-

| | |
|---------------------------|--------------------------|
| (a) Education help .. | 5 patients. |
| (b) Rationing .. | 10 patients. |
| (c) Arranged Transport .. | 3 patients worth Rs. 250 |

IV. Material Help :-

| | |
|---------------------------------------|--------------|
| (a) Patients helped for cold cloth .. | 12 patients. |
| (b) For supplementary diet .. | 14 patients. |
| (c) Employment .. | 3 patients. |

V. Arranged a Entertainment programme for Psychiatry patients.

VI. Worked for annual conference of Indian Psychiatric Society.

VII. No. of cases given follow up discharge instruction 720 patients.

VIII. 288—letters written to different agency, donors and for follow up.

Psychiatric Social Worker's Annual Report for year 1982 :-**Miss Leena Damani :-**

| | |
|---|-----|
| (1) Total No. of cases seen at school mental Health clinic .. | 221 |
| (2) Total No. of follow up cases of school mental health clinic.. | 447 |
| (3) Total No. of cases for counselling .. | 68 |
| (4) Total No. of histories for O.P.D. .. | 33 |
| (5) Total No. of follow up of O.P.D. cases. .. | 77 |
| (6) Total No. of referrals made for sp. schools .. | 48 |
| (7) Other institutions .. | 16 |

Donations given to patients in form of financial assistances, clothes etc.

Visits paid :-

| | |
|---|----|
| (1) For inauguration of School Mental Health Clinic .. | 15 |
| (2) To Schools/Institutions—contacting them for fixing up of meetings in the school and examination of children .. | 38 |
| (3) Visits to following schools/institutions as a member of the team of school mental health clinic for examintaion of referred children. | |

| Name | No. of visits. |
|--|----------------|
| (1) Shivaji Nagar Municipal School .. | 4 |
| (2) A. K. Munshi Yojana .. | 2 |
| (3) Kamathi Pura Municipal School .. | 2 |
| (4) Colaba Municipal School .. | 1 |
| (4) Home visits for patient made .. | 13 |
| (5) Attended 'Health Camp' organised by Jalawadi Jain Andheri—on 18th January 1982. | |
| (6) Visits paid for organising of Annual Conference of Indian Psychiatric Society | 6 |
| (7) Visits to Bellasis Road Municipal School regular in January, February, March for examination of referred children. Total No. of children seen at above school .. | 81 |
| (8) Visits paid for donations—for medicines clothes, play material | |

Other Task :-

- (1) Working for the inauguration of school mental health clinic.
- (2) Conducting regular play therapy sessions.
- (3) Maintaining register for school mental health clinic cases and cases seen in other schools,
- (4) Writing followup letters to patients.
- (5) Contacting various schools for S.M.H.C. through letters and personal contacts made.

Report writing :-

Preparing Mastersheets tables, analysis and report writing of the following :-

- (1) Clerk Road Municipal School.
- (2) Bellasis Road Municipal School.
- (3) Shivaji Nagar Municipal School.
- (4) A. K. Munshi Yojna.
- (5) Children seen at 'Health Camp.'
- (6) Analysis of S.M.H.C. cases,
- (7) Giving individual reports to person concerned of each case seen in school mental health clinic.

Mr. B. H. Patil :—

| | |
|---|-----|
| Total No. of new cases seen in SMHC and Municipal Schools/Special class for M. R. | 242 |
| Visits to Municipal Schools/Private Schools, Special Classes for M.R. for the evaluation of the school problems children with team | 1 |
| Visits to Municipal Schools to arrange a programme, distribution of the pamphlets of SMGC and to give appointment to parents | 20 |
| O.P.D. cases seen referred to SMHC and in the absence (leave) of other social worker | 70 |
| Home visits paid for the O.P.D., SMCH and school cases to collect social details from the parents for those who did not turn up after 3-4 reminders through children | 29 |
| Home visits paid for the cases who had family and behaviour problems which affected on children's scholastic performance and behaviour. | 15 |
| Visits paid to Municipal and ward offices and B.M.C. | 11 |
| Cases referred to special class for mentally retarded | 40 |
| Cases started going to special class for mentally retarded—approx. | 11 |
| Parental counselling—particularly for the children having family and behaviour problems and requires special class for mentally retarded | 65 |
| Reports given regarding children's educational behavioural/I.Q./other requirements to M.O. Schools | 52 |
| Interviewed with teachers in the schools for the children having major behaviour and other problems in the school | 85 |
| Follow-up | 292 |
| Play Therapy | 15 |
| Visits paid to charitable trust for the donation for poor patients (Rs. 100 | 5 |
| Address writing and posted the invitation cards of SMHC (Inauguration) 22nd January 1982) to Municipal Schools/Private schools/social institution/ special classes for M.R. | 400 |
| Visits paid to hand over the invitation of SMHC (Inauguration) to schools social institutions and hospitals | 17 |

Smt. Meera Shah :—

| | |
|--|-----|
| 1. No. of new cases seen. | 500 |
| 2. No. of follow up | 500 |
| 3. No. of discharge patients, for instructions. | 500 |
| 4. Medicines. | 50 |
| 5. Donations. | 100 |
| 6. Material aid. | 60 |
| 7. Visits. | 95 |
| (a) Home visits. | 15 |
| (b) Indian Psychiatric conference. | 30 |
| (c) Institutional visits eg. JJ Dharamshala, sevadham etc. | 50 |
| (d) Chemists shops to buy medicines. | |
| (e) Donations for patients | |
| (f) Visits to plan for patients recreational facilities. | |
| (g) Tata Inst. and Nirmala Niketan. | |
| (h) Workshops placement. | |
| (i) Follow up of patients/relatives given employment. | |
| (j) Institute visits for work record of patients. | |
| (k) Visits to Municipal and private schools. | |
| (l) Visits to donors to get books and magazines. | |
| 8. Students supervision. | |
| 9. Rehabilitation of ward patients. | |
| 10. Play therapy. | |
| 11. Alcoholic and drug counselling. | |

26 MEDICAL SOCIAL WORKER :

| | | | | | |
|---|----|----|----|----|------|
| Old cases carried over. | .. | .. | .. | .. | 1965 |
| New cases referred in 1982. | .. | .. | .. | .. | 3774 |
| Referral from other Institutions. | .. | .. | .. | .. | 777 |
| Total No. of cases handled in 1982. | .. | .. | .. | .. | 6516 |
| 1. No. of home visits, Institutional visits and collateral contacts made. | .. | | | | 1925 |
| 2. No. of follow-up letters and letters sent to donors, charitable and welfare organizations. | .. | .. | .. | .. | 1776 |
| 3. Case work services given. | .. | .. | .. | .. | 1695 |
| 4. Material aid given. | .. | .. | .. | .. | 6311 |
| (a) Appliances as belts, callipers, crutches etc. | .. | .. | .. | .. | 1140 |
| (i) Wheel Chairs. | .. | .. | .. | .. | 14 |
| (ii) Triwheelers. | .. | .. | .. | .. | 6 |
| (iii) Glasses. | .. | .. | .. | .. | 441 |
| (b) Costly and nonscheduled drugs. | .. | .. | .. | .. | 1250 |
| (c) (i) Food. | .. | .. | .. | .. | 560 |
| (ii) Ration. | .. | .. | .. | .. | 250 |
| (iii) Supplimentary nutritional aid. | .. | .. | .. | .. | 344 |
| (d) Clothes. | .. | .. | .. | .. | 863 |
| (e) Library books given to patients for indoor and outdoor. | .. | .. | | | 221 |
| (f) School fees, uniforms, text books for patients children and young school going patients. | .. | .. | .. | .. | 497 |
| (g) Travelling expenses. | .. | .. | .. | .. | 421 |
| (h) Employment for | | | | | |
| (i) Patients. | .. | .. | .. | .. | 74 |
| (ii) Patients family members. | .. | .. | .. | .. | 65 |
| (i) Accommodations. | .. | .. | .. | .. | 70 |
| (j) Institutionalization. | .. | .. | .. | .. | 95 |
| During this year approximately following donations arranged in cash and kind :— | | | | | |
| Rs. 1,21,000 in the form of drugs. | | | | | |
| Rs. 52,000 for the appliances. | | | | | |
| Rs. 56,000 for the patients undergoing cardiac surgeries. | | | | | |
| Rs. 72,000 for the cancer patients in cash and kind. | | | | | |

All these work looked after by four full time and one part-time Medical Social Worker.

Report of the Workshop for the Rehabilitation of Handicapped.

The new project in the form of workshop for disabled started on 13th December 1981. It was inaugurated by Honorable Municipal Commissioner Shri D. M. Sukthankar. The benefit is given to the disables who are taking treatment from B. Y. L. Nair Charitable Hospital. The main objective is rehabilitation of these disables with the collaboration from various charitable organisations and private industries. Job facilities are given in Tailoring, assembling, packing, spinning and numbering on hospital registers etc. The remuneration is paid for the same by industries hospital who dispatch the work. During this year regularly 13 disables are taking advantage of this projects.

Free lunch facility is arranged through donations but there was break in lunch programme for three months from October 1982 to December 1982 as the post of Hamal was discontinued. It was restarted from January 1983 as Honorable Shri P. P. Kamdar, D. M. C. (I) has taken keen interest in this project and arranged the necessary staff required which was discontinued.

Two Max numbering machines bought through donation which are very helpful for disables to earn their bread. Medical Record Department, Nair Hospital is kind enough to provide continuous work to number on hospital registers. Medical Social Workers sees continuity of the work.

Expansion programme will take place within short period with the collaboration of Associated capsule group, Kandivali. Few more disables will be given opportunity to work due to new expansion programme.

All the initial expenses were managed from the donations collected for the welfare project.

The first anniversary of the workshop celebrated this year on 14th December 1982 under the kind blessings of Honorable Shri Pravin P. Kamdar, D. M. C. (I). All the donors who helped us generously in this project also took part in this function held at B. Y. L. Nair Ch. Hospital.

27 OCCUPATIONAL THERAPY DEPARTMENT :

The following are the figures for the year 1982 of workload and the work analysis.

| | |
|--|-------|
| Total No. of patients for 1982. | 8037 |
| Total No. of attendance of patients. | 79404 |
| New Patients (O. P. D.) | 1289 |
| New Patients (Indoor) | 2965 |
| New Patients (Indoor) | 2965 |
| Total No. of patients (OPD+Indoor) | 8037 |

P. V. C. & D. C. U.

These sections are working as usual in addition; work is taken from outside.

Miscellaneous :

Head of Occupational Therapy Department, Shri A. S. Khullodkar was appointed as examiner for undergraduate as well as postgraduate examination in Occupational Therapy held by Bombay University. Lectures for Medical and Speech therapy students as well as post-graduate students were given as a routine.

Experimental Research project has been undertaken by this department, with collaboration of Queens Land University, Australia.

28 PHYSIO THERAPY DEPARTMENT :

The following are the figure for the year 1982, of workload and the work analysis.

| | |
|---|-------|
| Total No. of patients for 1982. | 10186 |
| Total No. of patients (attendance) | 10186 |
| New patients (O. P. D.) | 2482 |
| New patients (Indoor). | 2878 |
| Total No. of patients (O. P. D.+Indoor) | 10186 |

Miscellaneous :

Head of Physio Therapy Department Smt. S. S. Idgunji, was appointed as examiner from 2nd year B. Sc., Physio-therapy, Post-graduate course in Physio-therapy.

Lectures for medical and speech therapy students as well as post graduate students in Physio-therapy were given as a routine.

This department has been recognised for M. Sc. Physio-therapy, from December 1981.

29. DEPARTMENT OF TUBERCULOSIS & CHEST DISEASES :

No. of patients attending O.P.D. for treatment during 1982 :—

| | |
|-----------------------------------|-------------------------------|
| Chest Cases | 325 |
| T. B. New Cases .. Direct | 5720 |
| Old follow-ups | 1300 per month approximately. |

No. of admission To our ward during the year 1982 :— 1,076.

Laboratory Work Done :—

| | |
|----------------|------|
| Sputum | 5673 |
| Urine | 207 |
| Stool | 147 |
| Blood | 608 |

Pulmonary function test : 217

We have recently acquired a drill lung biopsy set and have commenced taking lung biopsies which will be very valuable for diagnosis for various pulmonary ailments.

Further expansion and modernisation of our chest department is also underway.

29 PHARMACY DEPARTMENT :**(1) Dispensary :**

This year dispensary has dispensed 4,06,908 case papers at out door and 618 case papers at indoor.

No. of stock items supplied to O. P. D. Wards and theatres is 24054.

Total quantity of stock prepared for indoor and out door patients are given below :—

| | | | | |
|---|----|----|-----------|--------|
| (a) Quantity of stock solution prepared. | .. | .. | 18179.448 | lit. |
| (b) No. of prepacks made | .. | .. | 182157 | packs. |
| (c) No. of powders wrapped | .. | .. | 48504 | " |
| (d) No. of O.P.D prescriptions dispensed where account is kept. | .. | .. | 7080 | |
| (e) Prescriptions where special drugs are issued and account is kept. | .. | .. | 80650 | |
| (f) Simple syrup. | .. | .. | 710.710 | lits. |
| (g) Quantity of stock mixture prepared. | .. | .. | 13355.750 | lits. |

2. Central Sterile Supply Service :

13 types of Sets and 38 types of trays are cleaned, assembled and sterilized for the Hospital use numbering. 55505.

Total No. of drums and dressings sterilized during the year 1982 are 22148

3. Manufacturing of Pharmaceuticals :

| | | | | |
|---|----|----|-----|-------------|
| (a) Total market cost of the preparations. | .. | .. | Rs. | 4,57,219.91 |
| (b) Preparation cost | .. | .. | Rs. | 2,37,144.96 |
| (This includes the cost of chemicals, breakage, consumable articles, machine repairs, & Depreciation, gas & electric consumption, cleaning fluids, general articles, Analytical Testing and average staff salary and supervision and overhead charges etc.) | | | | |
| (c) Savings. | .. | .. | Rs. | 2,20,074.95 |

The consolidated manufacturing figure and the saving effected are given below :—

| | | | | |
|---|----|----|----|--------------|
| (1) Transfusion bottles (1 lit.) | .. | .. | .. | 1179 |
| (2) Transfusion bottles (540 ml.) | .. | .. | .. | 66270 |
| (3) Transfusion bottles (375 ml.) | .. | .. | .. | 2248 |
| (4) Vials assorted | .. | .. | .. | 7588 |
| (5) Eye ointment packets | .. | .. | .. | 1625 |
| (6) Ointment for external application | .. | .. | .. | 948 Kg. |
| (7) Powders | .. | .. | .. | 206 Kg. |
| (8) Sterile talcum powder | .. | .. | .. | 63 Kg. |
| (9) Lotion and Liniments | .. | .. | .. | 737 lits. |
| (10) Soap preparations (Castor oil liquid soap) | .. | .. | .. | 836 Lits. |
| (11) Soft Soap | .. | .. | .. | 35 Kgs. |
| (12) Oral Rehydration powder | .. | .. | .. | 1360 Pkts. |
| (13) Sterile vaseline Gauze Trays. | .. | .. | .. | 264 trasp. |
| (14) Distilled water in (10' lit.) | .. | .. | .. | 351 bottles |
| (15) Distilled water in (5 Lit.) | .. | .. | .. | 1017 flasks. |

New preparation in the year 1982 :

- (a) Haemodialysis concentrated solution. 10 lit.

New sets and trays in the year 1982 :

- (a) Shunt tray for A. K. D.
 (b) Fistula Tray for A. K. D.
 (c) Bladder wash tray for A. K. D.
 (d) Dressing tray for A. K. D.

4. Quality Control :

During the year January 1982 to December 1982 a total number of 35 different types of products splitted up in 964 batches, manufactured by Pharmacy Department were tested during processing and as final products. A total number of 8013 tests were performed on the same. Three batches were rejected.

A total number of 666 different kinds of products splitted up in 3449. Number of batches purchased from outside were tested and total number of 26456 tests were performed on the same. 110 batches were rejected.

All the sterilizers of Bhajekar Hospital and Nair Hospital were tested for their effective working every fortnightly throughout the year.

65 items were tested urgently and the results given within one hour in order to meet the urgent requirements of the stores for immediate supply to the patients.

All the above work if got done from Haffkine Institute would have costed Rs. 3,60,546.00

(5) Glass Blowing Work :

Following articles are prepared by the Glass Blower in the year 1981.

| Serial No. | Name of the articles | Quantity |
|------------|--|----------|
| 1 | Murphy's drips | 1440 |
| 2 | Needle Covers | 870 |
| 3 | Bleeding set rod for Blood Bank | 630 |
| 4 | Test tubes for manufacturing section and Analytical Section. | 700 |
| 5 | Glass tubes for renal drainage small | 900 |

Needle Sharpening :

7803 number of hypodermic Needles are resharpened and brought in use which would have been condemned otherwise.

(6) Maintenance of Machineries :

This section looks after the maintenance and repair work of all machineries of Pharmacy Department and the minor repairs of sterilizers of Wards and Theatres and Bhajekar Hospital.

Major repairs done is numbering to 741 during year 1982 which includes the replacement of heaters and other spare parts, removal of leakages and other minor repair works.

31 RHEUMATOLOGY AND IMMUNOLOGY :

This section conducts two O. P. D.'s per week. The days are Tuesday, 9-00 a. m. onwards and Saturdays, 10-30 a. m. onwards. There is facility to inpatient treatment.

Dr. V. R. Joshi successfully completed one years training in Rheumatology at Royal National Hospital for Rheumatic diseases Bath and Hammersmith Hospital, London.

The unit is at present, busy setting up common, useful laboratory diagnostic tests in rheumatology. It is involved in active research.

32 E. N. T. DEPARTMENT :—

Department of E. N. T. consists of one Part-time unit under Dr. N. L. Hiranandani, Hon. E. N. T. Surgeon and Hon. Prof. of E. N. T. and Head of E. N. T. Department and one Full-time Unit Under Dr. A. G. Pusalkar, Prof. of E. N. T. & Head of A. S. T. S. Each unit attending alternate day O. P. D. and Operation Theatre.

The following were the activities of the department of E. N. T. during the year 1982.

O. P. D. Services :—

The total No. of patients attended E. N. T. O. P. D. during the year 1982 were 13825. In addition old cases of the previous years requiring follow-up and treatment have been attended.

Operative Session :—

The total No. of operation performed in the year 1982 were 1030.

Daily ward rounds are taken.

E. N. G. Clinic :—

We have taken the E. N. G. (Electronystagmography) of 192 patients during the year 1982. The E. N. G. Clinic was conducted every Wednesday and Friday and total No. of 192 new cases were seen during the year 1982. In addition old cases of the previous years requiring follow-up and treatment have been attended. Cases of Vestibular Neurectomy were studied alongwith diabetic cases. In addition Optokinetic test had been done in cases of vestibular neurectomy and diabetics.

School Clinic :—

Work for 6 days in a week.

Peripheral Activities :—

A.—Bombay Hospital :—Dr. N. L. Hiranandani, Hon. E. N. T. Surgeon & Hon. E. N. T. Prof. and Head of E. N. T. Department continues to visit Bombay Hospital twice a week.

B.—E. N. T. Hospital :—Dr. N. L. Hiranandani, Hon. E. N. T. Surgeon and Hon. Prof. of E. N. T. and Head of E. N. T. Department continues to visit E. N. T. Hospital twice a week and Dr. A. G. Pusalkar, Prof. of E. N. T. and Head of R. S. T. s. continues to visit E. N. T. Hospital on every Tuesday.

Teaching activities :—

A.—Under-graduate students :—Lecture series and clinical terms.

B.—Post-graduate students :—We have at present 17 post-graduate students attached to our department. The post-graduate teachers of the department guide and prepare the post-graduate students in their thesis work for M. S. Examination in E. N. T. of Bombay University. Regular clinics with case discussions are held and selected topics are discussed where Honorary full-time E. N. T. Professor, Reader, Tutors and Post-graduate students participate.

C.—Speech Therapy Students :—Lectures in E. N. T. are held for the B. Sc. (A. S. T.) students of our college.

Every month one clinical meeting headed by E. N. T. Specialists for different diagnostic was held with the staff and students of the department of A. S. T. This has encouraged the students to participate in clinical discussions and case presentations.

Academic Courses :—

First advanced course in 'Microsurgery of the ear and Parotid gland' was conducted from 3th December to 17th December 1982 under the auspices of Golden Jubilee Research Foundation by the department of E. N. T. with the participation of three leading Otologists of Europe. Total participants were 30.

Visits :—

11 leading E. N. T. Surgeons and Otologists from France and Europe visited the department and participated in the academic session in Microsurgery of the year.

33 DEPARTMENT OF SEXOLOGY :—

A new department of Sexual Medicine is being opened by the Civic Authorities at the B. Y. L. Nair Ch. Hospital from Thursday the 17th December 1981. The department will be treating sexual dysfunctions in males and females and will also be teaching the medical students in the field of Sexual Medicine. This is the first department of its kind in public hospital in the country.

The department function on every Thursday from 11-30 a. m. onwards.

During the year 1982 more than 500 patients were treated in the Department.

34 ISOTOPE UNIT :—

Dr. D. N. Velingkar was awarded a W. H. O. fellowship on 'Medical uses of Ionizing Radiation' for a period of three months in U. K. During this period *i. e.* 29th May 1982 to 28th August 1982 he worked at Guys Hospital and Hammersmith Hospital, London, on Nuclear Cardiology.

Investigations carried out in the Radioisotope Unit during the period of 1st January 1982 to 31st December 1982.

| Investigations | Patients |
|--|----------|
| 1. Thyroid uptake slides with I 131. | 550 |
| 2. Thyroid Scan. | 300 |
| 3. T3 charcoal uptake. | 750 |
| 4. Serum T4 assay. | 750 |
| 5. Perchlorate discharge test. | 2 |
| 6. T3 suppression test. | 12 |
| 7. Radioiodine therapy. | 1 |
| 8. Brain Scan. | 450 |
| 9. Bone Scan. | 3 |
| 10. Liver Scan. | 500 |
| 11. Spleen Scan. | 500 |

35 NURSING :—

The total number of Students admitted for General Nursing and Midwifery in the year 1982 are 82 and 41. The number of students discontinued from training are 25.

The number of students left the institution are 4.

The number of students appeared for Midwifery examination are 65 and 62 passed and 3 failed.

The number of students appeared for General Nursing Part II examination are 76, 68 passed and 8 failed.

The number of students appeared for General Nursing Part I examination are 106, 86 passed and 20 failed.

Mayor's award was awarded to student nurse Anita Das.

Nair's award were awarded to following nurses.

1. Smt. S. S. Salgaonkar .. Sister-in-charge.
2. Smt. Ratnamma M. O. .. Staff Nurse.
3. Smt. Sulbha More. .. Staff Nurse.
4. Smt. Aleyamma K. V. .. Staff Nurse.
5. Smt. Mrudula Patel. .. Staff Nurse.
6. Smt. Vijaya Kambley. ..—Student Nurse.
7. Smt. Surekha V. V. .. Student Nurse.
8. Smt. Suja Thomas. .. Student Nurse.
9. Smt. Shailaja Gaikwad. .. Student Nurse.

In the month of March sports were arranged for trained staff and student nurses on Hajiali ground.

In the month of April variety entertainment programme were arranged in the auditorium.

In the month of October lunch was arranged in nurses dining hall for trained staff and student nurses and Dean, A. D., A. M. O. were invited. Film Shows were arranged in the month of April and November.

In the month of December picnic (Malad) was arranged for trained staff and student nurses.

One sister was send for special training in paediatric to K. E. M. Hospital.

35. TOPIWALA NATIONAL MEDICAL COLLEGE :—

The College has been permanently affiliated to the University of Bombay for teaching the courses of students leading upto M.B.B.S. and post-graduate examinations.

The College has also been affiliated to the University of Bombay for teaching the courses of studies leading to B.Sc. (Audiology and Speech Therapy) degree examination.

659 undergraduate students (257 ladies) and 348 post-graduate students (120 ladies) were on the roll at the close of the year. :—

Students on roll as on 1-8-1982.

| Class | Male | Female | Total |
|-------------------------|------------|------------|------------|
| III M.B.B.S. III term | 68 | 51 | 119 |
| III M.B.B.S. IIInd term | 22 | 8 | 30 |
| III M.B.B.S. Ist term | 72 | 60 | 132 |
| II M.B.B.S. IIIrd term | 22 | 5 | 27 |
| II M.B.B.S. IIInd term | 45 | 44 | 89 |
| II M.B.B.S. I term | 16 | 1 | 17 |
| I M.B.B.S. III term | 57 | 43 | 100 |
| I M.B.B.S. II term | 60 | 40 | 100 |
| I M.B.B.S. Casuals | 4 | .. | 4 |
| III M.B.B.S. Casuals | 36 | 5 | 41 |
| Total | 402 | 257 | 659 |

Post Graduate :

| Class | Male | Female | Total |
|--------------------------------------|------------|------------|------------|
| M.D. (All Branches) | 97 | 63 | 160 |
| M.S. (All Branches) | 82 | 8 | 90 |
| University Diploma D.A., D.P.H. | 40 | 15 | 55 |
| M.Sc. by papers : | | | |
| Biochemistry | 3 | 11 | 14 |
| Animal Physiology | 3 | 6 | 9 |
| M.Sc. by research : | | | |
| D.M.L.T. | 1 | 9 | 10 |
| Ph.D. | 1 | 2 | 3 |
| M.Sc. (Occupational Therapy) | 1 | 4 | 5 |
| M.Sc. (Physio Therapy) | .. | 2 | 2 |
| Total | 228 | 120 | 348 |

College Prizes :—

| Sr. No. | Name of the Student | Name of the Prize awarded. |
|--|---------------------------|--|
| For I. M. B. B. S. Examination, October 1982 :— | | |
| 1 | Shri Nadkarni Trimurti D. | 1. Dr. D. D. Variava's prize. |
| 2 | Shri Nadkarni Trimurti D. | 2. Dr. D. D. Sathye's prize. |
| 3 | Shri Nadkarni Trimurti D. | Dr. S. B. Purchase's prize. |
| | | 1. Dr. A. L. Adiga prize. |
| | | 2. Mahatma Gandhi Memorial prize. |
| For III. M. B. B. S. Examination, October 1982 :— | | |
| 4 | Shri Gaitonde Milind P. | 1. Dr. P. F. Soonawala Gold Medal. |
| 5 | Shri Gaitonde Milind P. | 2. Dr. A. L. Nair & M. Venkatrao prize. |
| 6 | Shri Tolat Amit R. | Dr. A. L. Nair & M. Venkatrao prize. |
| | | 1. Dr. D. B. Pandya's prize. |
| | | 2. Smt. Gopikabai Narayan Karande Prize. |
| | | 3. Dr. A. L. Nair & M. Venkatrao prize. |
| 7 | Shri Gaitonde Milind P. | 1. Dr. Parab Memorial prize. |
| 8 | Miss Deshpande Minal. | Snehairani Ranade Prize for Girl Students. |
| For II. M. B. B. S. Examination for April 1982 :— | | |
| 9 | Miss Gulati Radha K. | 1. Dr. V. G. Rele's prize. |
| 10 | Shri Kulkarni Kiran B. | 2. Dr. S. S. Rao's prize. |
| | | 1. Dr. Manek Billimoria Prize. |
| | | 2. Dr. S. B. Kekre prize. |
| 11 | Shri Bhagwat Abhay C. | Dr. H. A. Maniar's prize. |
| | Miss Padhye Rita S. | |
| 12 | Shri Bhagwat Abhay C. | 1. Shri Doongarshi A. Karla prize. |
| | | 2. Dr. W. B. Bhawe Memorial prize. |

| Examination | April/May 1982 | | | October/November 1982 | | |
|--|----------------|--------|------|-----------------------|--------|----|
| | Appeared | Passed | % | Appeared | Passed | % |
| I. M. B. B. S. | 22 | 18 | 81 | 101 | 85 | 84 |
| II M. B. B. S. | 144 | 118 | 81 | 45 | 24 | 53 |
| III M. B. B. S. | 70 | 47 | 54 | 144 | 113 | 78 |
| M. D. (All branches) | 60 | 22 | 36.8 | 80 | 33 | 41 |
| M. S. (All branches) | 20 | 8 | 40 | 27 | 10 | 37 |
| Uni. Dip. D. A., D. P. H. & D. M. L. T. | 33 | 24 | 73 | 30 | 31 | 36 |
| M. Sc. (by papers). | 17 | 12 | 70 | 5 | 4 | 70 |

37. TOPIWALA NATIONAL MEDICAL COLLEGE LIBRARY :

The total No. of books added to the library during the year was 1,507 as against 1,079 books during the previous year, out of which 150 books were donated to the library by different institutions, 358 books were purchased for 34 different departmental libraries and 1017 books were purchased for Central Library.

The library subscribed 255 periodicals as against 282 during the last year. 108 periodicals were received as compliments from the publishers, Hon. & teaching staff of the T.N.M. College & Nair Hospital & others. The library therefore has 360 periodicals as against 370 during last year.

The No. of books and periodicals issued on the premises to the undergraduate, postgraduates; the teaching staff of the college, Professors, Honoraries, Teachers and Research Workers from other institutions was 78,927 as against 69,591 during the last year.

3,545 books including reference books and periodicals were issued out for home reading to the teaching and residential staff of the B.Y.L. Nair Ch. Hospital and T.N.M. College as against 2,814 books and periodicals issued during the last year. 29 books and bound volumes of periodicals were borrowed from other libraries on Inter Library Loan and 63 were loaned out to them 64 back issues of various journals has received in exchanged under IEDML Scheme.

351 thesis were issued for reading on premises as against 300 during the last year. 63 new thesis of different disciplines were entered as against 151 during last year. So, library has 1,382 thesis at present.

Budget grants allotted to library department for expenditure during 1982-83 were Rs. 4,00,000 out of which Rs. 3,85,000 were used to purchase of books, Import of journals & slides, purchase of medical series & binding of volumes. Grant allotted for the purchase of books for T. N. Medical College departmental library was Rs. 55,000 out of which Rs. 27,500 were used for the purchase of books for those departments. Grant of Rs. 1,09,000 was allotted for 23 Departments of B. Y. L. Nair Ch. Hospital out of which Rs. 64,000 were used to purchase the books for those departments.

47 books costing Rs. 8,500.37 were written off during the last year. 430 outsiders including faculty members of sister institutions has made usage of the library reference during the year 1982-83.

220 bound volumes were added to the library during the year 1982-83. The library at the end of the year has 28,724 books, 12,360 bound volumes and 1382 thesis.

38. DR. BHAJEKAR MUNICIPAL HOSPITAL :

Dr. Bhajekar Hospital was taken over by Municipal Corporation of Greater Bombay in 1956 from Dr. Bhajekar M. V. son of late Dr. V. N. Bhajekar. The main function of this hospital is to provide Medical Relief to the patients by giving them indoor and out-door treatment as required.

This is a minor surgical hospital for the male patients only, consisting of 58 beds. 14 beds for convalescence of Orthopaedic patients and 4 beds are reserved for Head, Neck surgery, for patients sent by Nair Hospital.

During 1981-82 and 1982-83 the patients attended at Dr. Bhajekar Hospital are mentioned below :

| | 1981-82 | 1982-83 |
|-----------------------------------|----------|---------|
| O. P. D. patients | 11998.00 | 10537 |
| Indoor patients. | 1494.00 | 656 |
| Operations | | 553 |
| Total Indoor patients maintained. | | 7370 |

For the period for January 1982 to December 1982 however the O. T. was closed from 16th April 1982 to 12th November 1982, as such there were no admissions of patients. (O. T. close on account of no accounts of water proofing work).

REVENUE

| | | |
|---|--------------|-------------------------|
| K—Receipts on accounts of Registration etc. (O. P. D. & Indoor fees in Municipal Hospital & Renewal Charges.) | Rs. 13,783/- | From 1-4-82 to 3-31-83. |
| No. of Beds. . . . . | .. .. . | 58 |
| Average No. of operation per day. . . . . | .. .. . | 4 |
| Average No. of patients in ward. . . . . | .. .. . | 42 |

| Years | Drugs and Appliances | Diet | Stores | Fire. Gas, Telephone electricity | Estt. | Total |
|----------------------------|-------------------------|------|--------|--|-------|-------|
| Indoor patients : | | | | | | |
| 1981-82 | 6.10 | 7.25 | 3.10 | 19.00 | 23.00 | 58.45 |
| 1982-83 | 4.05 | 8.14 | 4.10 | 21.00 | 24.00 | 64.24 |
| Out-door patients : | | | | | | |
| 1981-82 | 2.02 | .. | 1.16 | 0.80 | 6.50 | 10.48 |
| 1982-83 | 2.65 | .. | 2.60 | 1.50 | 7.50 | 14.25 |

Dr. B. R. KALKE.
Dean,
B. Y. L. Nair Ch. Hospital
& T. N. Medical College, Bombay-8

APPENDIX I.

With effect from 1-1-82 the of Distribution of Beds of this hospital will be as under:—

| Serial No. | Department. | Male. | Female. | Children. | Total. |
|------------|------------------------------------|-------|---------|-----------|--------|
| 1. | Medical | 111 | 39 | .. | 150 |
| 2. | Surgical | 97 | 35 | .. | 132 |
| 3. | Gynaec | .. | 39 | .. | 39 |
| 4. | Obstetric | .. | 54 | .. | 54 |
| 5. | Premature | .. | .. | 6 | 6 |
| 6. | Ophthalmic | 24 | 12 | .. | 36 |
| | Cataract beds. | 6 | .. | .. | 6 |
| 7. | Paediatric (Including I. P. C. U.) | .. | .. | 51 | 51 |
| 8. | Skin and V. D. | 12 | 4 | .. | 16 |
| 9. | E. N. T. | 26 | 10 | .. | 36 |
| 10. | Orthopedic | 70 | 12 | .. | 82 |
| 11. | Tuberculosis | 19 | 5 | .. | 24 |
| 12. | Psychiatric | 23 | 23 | .. | 46 |
| 13. | Cardiology | 8 | 3 | .. | 11 |
| 14. | I. C. C. U. | 6 | .. | .. | 6 |
| 15. | Cardiac Surgery | 4 | 2 | .. | 6 |
| 16. | I.C.C.U. | 4 | .. | .. | 4 |
| 17. | Thoracic | 3 | 2 | .. | 5 |
| 18. | Neurology | 15 | 2 | .. | 17 |
| 19. | Neuro-Surgery | 13 | 4 | .. | 17 |
| 20. | Plastic Surgery | 11 | 5 | .. | 16 |
| 21. | Gastro-enterology (Medical) | 13 | 3 | .. | 16 |
| 22. | Gastroenterology (Surgical) | 3 | 2 | .. | 5 |
| 23. | Paediatric Surgery | .. | .. | 2 | 2 |
| 24. | Renal (Medical) | 3 | 2 | .. | 5 |
| 25. | Renal (Surgical) | 1 | 1 | .. | 2 |
| 26. | Diabetic | 3 | 2 | .. | 5 |
| 27. | Rheumatology | 3 | 2 | .. | 5 |
| 28. | Genito-urinary | 2 | 2 | .. | 4 |
| 29. | M.A.C.U. | 12 | .. | .. | 12 |
| 30. | Paying Wards | 10 | 10 | .. | 20 |
| 31. | Isolation Wards. | .. | .. | .. | 5 |
| 32. | Observation Ward. | .. | .. | .. | 7 |
| 33. | Artificial Kidney Dept. | .. | .. | .. | 2 |
| Total. | | 502 | 275 | 59 | 850 |

APPENDIX II

The number of accident cases treated.

| Sex. | Treated in casualty Department. | | Admitted through Casualty Department. | | |
|----------|---------------------------------|--------|---------------------------------------|-------|-----|
| | 1981 | 1982 | 1981 | 1982 | |
| Male | 13,322 | 13,358 | 3,451 | 3,098 | |
| Female | 2,940 | 29,25 | 1,120 | 1,007 | |
| Children | Male | 2,557 | 2,913 | 644 | 554 |
| | Female | 11,59 | 1,279 | 303 | 289 |
| Total | 19,978 | 20,475 | 5,518 | 4,948 | |

APPENDIX III

Statement showing the details of Cost per day
Per In-Patient and Out-Patient.

| Year | Diet | Drugs Dressing, etc. | Stores and Linen | Heating Lighting and repairs | Establishment | Total |
|-------------|--------|----------------------|------------------|------------------------------|---------------|--------|
| | Rs. P. | Rs. P. | Rs. P. | Rs. P. | Rs. P. | Rs. P. |
| Indoor | | | | | | |
| 1982 | 5.96 | 21.60 | 5.01 | 4.94 | 33.09 | 70.60 |
| 1981 | 5.64 | 16.00 | 4.10 | 3.06 | 32.88 | 61.68 |
| Out-patient | | | | | | |
| 1982 | .. | 4.03 | 1.93 | 0.26 | 8.03 | 14.25 |
| 1981 | .. | 3.40 | 1.00 | 0.19 | 7.00 | 11.59 |

APPENDIX IV

Statements showing the Out-Patients (New O.P.D., Casualty) in the B.Y.L. Nair Charitable Hospital during the year 198.2 Classification according to the Department, Sex & Age.

| Department | O. P. D. New Cases | | | | Total | Casualty Cases | | | | Total |
|-----------------------------------|--------------------|--------|-------|-------|--------|----------------|--------|-------|-------|-------|
| | Male | Female | M/Ch. | F/Ch. | | Male | Female | M/Ch. | F/Ch. | |
| Medical | .. 33086 | 16558 | .. | .. | 49544 | 1059 | 568 | .. | .. | 1627 |
| Surgical | .. 21553 | 5772 | 3450 | 1742 | 32517 | 9095 | 1670 | 1811 | 812 | 1,388 |
| Ophthalmic | .. 5756 | 2648 | 579 | 386 | 9349 | 240 | 15 | 20 | 7 | 282 |
| Gynaec | .. .. | 7553 | .. | 2 | 7555 | .. | 19 | .. | 5 | 24 |
| Skin | .. 13218 | 4100 | 3446 | 2387 | 23151 | 17 | 3 | 1 | .. | 21 |
| Aural | .. 6095 | 3867 | 2113 | 1530 | 13605 | 151 | 18 | 33 | 13 | 220 |
| Orthopedic | .. 7896 | 4078 | 1174 | 608 | 13756 | 2215 | 464 | 573 | 210 | 3462 |
| Paediatric | .. .. | .. | 11241 | 8441 | 19682 | .. | .. | 250 | 152 | 402 |
| Maternity | .. .. | 4174 | .. | .. | 4174 | .. | 73 | .. | .. | 73 |
| T. B. | .. 1612 | 568 | .. | .. | 2180 | 7 | .. | .. | .. | 7 |
| Cardiology (Med.) | .. 661 | 285 | 182 | 99 | 1227 | 1 | .. | .. | .. | 1 |
| Gastroenterology | .. 287 | 115 | 2 | 2 | 406 | .. | .. | .. | .. | .. |
| Psychiatric | .. 1896 | 1049 | 177 | 84 | 3206 | 16 | 1 | 2 | .. | 19 |
| P. S. D. | .. 1 | 2 | 22 | 11 | 36 | .. | .. | .. | .. | .. |
| Rheumatic and Col. Disease | .. 34 | 46 | .. | 2 | 82 | .. | .. | .. | .. | .. |
| Neuro-Surgery | .. 231 | 116 | 61 | 32 | 440 | 29 | .. | .. | 3 | 32 |
| Neurology | .. 186 | 72 | 28 | 19 | 305 | 3 | .. | .. | .. | 3 |
| Plastic Surgery | .. 124 | 73 | 51 | 38 | 296 | 156 | 9 | 33 | 11 | 209 |
| Gastroenterology Surgical Service | .. 10 | 1 | 4 | .. | 15 | .. | .. | .. | .. | .. |
| Renal Surgery | .. 86 | 70 | 3 | 1 | 160 | .. | .. | .. | .. | .. |
| Genito-urinary Surgical Service | .. 18 | 2 | .. | .. | 20 | .. | .. | .. | .. | .. |
| Thyroid Surgery | .. 44 | 133 | 3 | 5 | 185 | .. | .. | .. | .. | .. |
| Anti Rabies | .. 1236 | 215 | 495 | 227 | 2173 | 368 | 84 | 189 | 61 | 702 |
| Diabetic | .. 93 | 52 | 4 | 2 | 151 | .. | 1 | .. | .. | 1 |
| Haematology | .. 45 | 40 | 11 | 6 | 102 | .. | .. | .. | .. | .. |
| Special Care | .. .. | .. | 791 | 518 | 1309 | .. | .. | .. | .. | .. |
| Asthma | .. 32 | 12 | 9 | 10 | 63 | .. | .. | .. | .. | .. |
| Hypertension | .. 1 | 2 | .. | .. | 3 | .. | .. | .. | .. | .. |
| Cardiology Surgical | .. 41 | 16 | 10 | 2 | 69 | 1 | .. | 1 | .. | 2 |
| Endocrinology | .. 100 | 109 | 18 | 6 | 221 | .. | .. | .. | .. | .. |
| Sexology Department | .. 265 | 6 | .. | .. | 271 | .. | .. | .. | .. | .. |
| Total | .. 94587 | 51734 | 23872 | 16160 | 186353 | 13358 | 2925 | 2913 | 1279 | 20475 |

APPENDIX V

Summary of In-Patient Classified According to Department and Sex

| Department | SEX | In the hospital on mid-night of 31-12-1981 | Admitted during the year | Total | DISCHARGED | | Deaths | Remaining in the hospital on mid-night of 31-12-1982 |
|------------------------------|-----------------|--|--------------------------|-------|------------|-----------|--------|--|
| | | | | | Cured | Otherwise | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Medical | Male .. | 140 | 5225 | 5365 | 2375 | 2237 | 599 | 154 |
| | Female .. | 68 | 2691 | 2759 | 2011 | 442 | 234 | 72 |
| | Total .. | 208 | 7916 | 8124 | 4386 | 2679 | 833 | 226 |
| Surgical | Male .. | 151 | 5698 | 5849 | 2817 | 2665 | 286 | 81 |
| | Female .. | 45 | 1579 | 1624 | 943 | 519 | 138 | 24 |
| | Male child .. | 12 | 825 | 837 | 569 | 230 | 28 | 10 |
| | Female child .. | 3 | 358 | 361 | 288 | 55 | 14 | 4 |
| | Total .. | 211 | 8460 | 8671 | 4617 | 3469 | 466 | 119 |
| Ophthalmic | Male .. | 13 | 556 | 569 | 413 | 145 | 2 | 9 |
| | Female .. | 10 | 329 | 339 | 298 | 31 | Nil | 10 |
| | Male child .. | 2 | 43 | 45 | 30 | 13 | Nil | 2 |
| | Female child .. | 1 | 13 | 14 | 9 | 5 | Nil | .. |
| | Total .. | 26 | 941 | 967 | 750 | 194 | 2 | 21 |
| Gynaec | Female .. | 37 | 1550 | 1587 | 983 | 600 | 4 | 25 |
| | Female child .. | Nil | 7 | 7 | 5 | 2 | Nil | Nil |
| | Total .. | 37 | 1557 | 1594 | 988 | 602 | 4 | 25 |
| Skin & V.D. | Male .. | 6 | 123 | 129 | 109 | 16 | 4 | 5 |
| | Female .. | 3 | 32 | 35 | 27 | 7 | 1 | 1 |
| | Male child .. | 1 | 4 | 5 | 4 | .. | Nil | 1 |
| | Female child .. | .. | 6 | 6 | 6 | .. | Nil | Nil |
| | Total .. | 10 | 165 | 175 | 136 | 23 | 5 | 7 |
| E. N. T. | Male .. | 9 | 716 | 725 | 669 | 21 | 17 | 18 |
| | Female .. | 3 | 434 | 437 | 401 | 10 | 10 | 16 |
| | Male child .. | 1 | 240 | 241 | 203 | 33 | 1 | 4 |
| | Female child .. | 1 | 217 | 218 | 198 | 13 | 1 | 5 |
| | Total .. | 14 | 1607 | 1621 | 1461 | 77 | 29 | 43 |
| Orthopaedic | Male .. | 103 | 1776 | 1869 | 708 | 1011 | 48 | 112 |
| | Female .. | 37 | 645 | 682 | 317 | 308 | 18 | 39 |
| | Male child .. | 19 | 377 | 396 | 147 | 241 | Nil | 8 |
| | Female child .. | 5 | 159 | 164 | 103 | 56 | Nil | 5 |
| | Total .. | 164 | 2957 | 3121 | 1275 | 1616 | 66 | 164 |
| Paediatric | Male Child .. | 36 | 1902 | 1938 | 1351 | 333 | 202 | 52 |
| | Female Child .. | 36 | 1308 | 1344 | 1101 | 72 | 153 | 18 |
| | Total .. | 72 | 3210 | 3282 | 2452 | 405 | 355 | 70 |
| Maternity | Female .. | 84 | 5660 | 5744 | .. | 5744 | 9 | 70 |
| | Total .. | 84 | 5660 | 5744 | .. | 5744 | 9 | 70 |
| T. B. | Male .. | 22 | 645 | 667 | .. | 667 | 54 | 20 |
| | Female .. | 5 | 152 | 157 | .. | 157 | 9 | 7 |
| | Total .. | 27 | 797 | 824 | .. | 824 | 63 | 27 |
| Cardiology | Male .. | 8 | 368 | 376 | .. | 376 | 14 | 4 |
| | Female .. | 3 | 188 | 191 | .. | 191 | 6 | 10 |
| | Male child .. | 3 | 120 | 123 | .. | 123 | 6 | 3 |
| | Female child .. | Nil | 75 | 75 | .. | 75 | .. | 1 |
| | Total .. | 14 | 751 | 765 | .. | 765 | 26 | 18 |
| Gastro-enterology (Medical). | Male .. | 5 | 212 | 217 | .. | 217 | 7 | 4 |
| | Female .. | 5 | 86 | 91 | .. | 91 | 4 | 2 |
| | Male child .. | Nil | 3 | 3 | .. | 3 | .. | 1 |
| | Female child .. | .. | 5 | 5 | .. | 5 | .. | .. |
| | Total .. | 10 | 306 | 316 | .. | 316 | 11 | 7 |

APPENDIX—V

| Department | SEX | In the hospital on mid-night of 31-12-1981 | Admitted during the year | Total | DISCHARGED | | Deaths | Remaining in the hospital on mid-night of 31-12-1982 |
|------------------------------------|------------------|--|--------------------------|-------|------------|-----------|--------|--|
| | | | | | Cured | Otherwise | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Rosal Surgery | Male .. | 3 | 141 | 144 | .. | 144 | .. | 4 |
| | Female .. | .. | 34 | 34 | .. | 34 | .. | .. |
| | Male child ... | .. | 6 | 6 | .. | 6 | .. | .. |
| | Female child ... | .. | 1 | 1 | .. | 1 | .. | .. |
| | Total .. | 3 | 182 | 185 | .. | 185 | .. | 4 |
| Cardiac Surgery | Male .. | 9 | 131 | 140 | .. | 140 | 7 | 14 |
| | Female .. | 4 | 88 | 92 | .. | 92 | 5 | 9 |
| | Male child .. | 1 | 26 | 27 | .. | 27 | 1 | 1 |
| | Female child .. | 3 | 28 | 31 | .. | 31 | 5 | 1 |
| | Total .. | 17 | 273 | 290 | .. | 290 | 18 | 25 |
| Psychiatric | Male .. | 33 | 953 | 986 | 137 | 826 | 1 | 22 |
| | Female .. | 25 | 523 | 548 | 170 | 350 | .. | 28 |
| | Male child .. | .. | 15 | 15 | .. | 15 | .. | .. |
| | Female child .. | .. | 7 | 7 | .. | 7 | .. | .. |
| | Total .. | 58 | 1498 | 1556 | 307 | 1198 | 1 | 50 |
| Rheumatic & Collagen Diseases. | Male .. | 2 | 20 | 22 | .. | 22 | .. | 4 |
| | Female .. | .. | 5 | 5 | .. | 5 | .. | 1 |
| | Male child .. | .. | 4 | 4 | .. | 4 | .. | .. |
| | Female child .. | .. | .. | .. | .. | .. | .. | .. |
| | Total .. | 2 | 29 | 31 | .. | 31 | .. | 5 |
| Neurology | Male .. | 11 | 182 | 193 | .. | 193 | 8 | 16 |
| | Female .. | 5 | 41 | 46 | .. | 46 | 6 | 4 |
| | Male child .. | .. | 4 | 4 | .. | 4 | .. | .. |
| | Female child .. | .. | 7 | 7 | .. | 7 | 1 | .. |
| | Total .. | 16 | 234 | 250 | .. | 250 | 15 | 20 |
| Neuro-Surgery | Male .. | 23 | 206 | 229 | .. | 229 | 32 | 9 |
| | Female .. | 11 | 97 | 108 | .. | 108 | 13 | 3 |
| | Male child .. | 2 | 52 | 54 | .. | 54 | 9 | 1 |
| | Female child .. | .. | 44 | 44 | .. | 44 | 11 | 1 |
| | Total .. | 36 | 399 | 435 | .. | 435 | 65 | 14 |
| Thyroid Surgery. | Male .. | .. | 1 | 1 | .. | 1 | .. | .. |
| | Female .. | .. | .. | .. | .. | .. | .. | .. |
| | Male child .. | .. | 1 | 1 | .. | 1 | .. | .. |
| | Female child .. | .. | .. | .. | .. | .. | .. | .. |
| | Total .. | .. | 2 | 2 | 1 | 1 | .. | .. |
| Plastic Surgery | Male .. | 6 | 192 | 198 | .. | 198 | .. | 4 |
| | Female .. | 1 | 52 | 53 | .. | 53 | .. | 1 |
| | Male child .. | 2 | 73 | 75 | .. | 75 | .. | 2 |
| | Female child .. | 1 | 35 | 36 | .. | 36 | .. | 1 |
| | Total .. | 10 | 352 | 362 | .. | 362 | 2 | 8 |
| Gastroenterology Surgical Service. | Male .. | 3 | 6 | 9 | 5 | 2 | .. | 2 |
| | Female .. | .. | 4 | 4 | 1 | 3 | .. | .. |
| | Total .. | 3 | 10 | 13 | 6 | 5 | .. | 2 |
| Genito-Urinary Surgical Service. | Male .. | .. | 63 | 63 | .. | 63 | .. | .. |
| | Female .. | .. | 3 | 3 | .. | 3 | .. | .. |
| | Male child .. | .. | 10 | 10 | .. | 10 | .. | .. |
| | Total .. | .. | 76 | 76 | .. | 76 | .. | .. |
| Diabetic | Male .. | 3 | 98 | 101 | .. | 101 | .. | 7 |
| | Female .. | .. | 44 | 44 | .. | 44 | .. | .. |
| | Total .. | 3 | 142 | 145 | .. | 145 | .. | 7 |
| Haematology | Male .. | .. | 54 | 54 | .. | 54 | .. | .. |
| | Female .. | .. | 47 | 47 | .. | 47 | .. | .. |
| | Male child .. | .. | 64 | 64 | .. | 64 | .. | .. |
| | Female child .. | .. | 27 | 27 | .. | 27 | .. | .. |
| | Total .. | .. | 192 | 192 | .. | 192 | .. | .. |
| Grand Total .. | .. | 1025 | 37716 | 38741 | 16379 | 16415 | 1968 | 932 |

APPENDIX No. VI
CENTRAL LABORATORIES

Total 90242 Investigations carried out in the Central Clinical Laboratory during the year 1982 i. e. from 1st January to December 1982.

Routine investigation in the Central Laboratories :

| | | | | | |
|---------------------------|-----|-------|------------------------|----|--------------|
| Blood count and Hb. | .. | 17340 | Urine | .. | 12508 |
| Stool | .. | 8356 | Occult Blood. | .. | 3680 |
| E. S. R. | .. | 6233 | Sputum. | .. | 1341 |
| C. S. F. Routine. | .. | 3418 | Pleural Fluid. | .. | 986 |
| Acetic Fluid. | .. | 1065 | Blood Urea. | .. | 3766 |
| Blood Sugar. | .. | 4362 | Throat Swab. | .. | 424 |
| Blood Malarial Parasites. | ... | 1520 | Blood serum bilirubin. | .. | 510 |
| | | | Total | .. | 65277 |

Collection of Material (Blood) :

| | | | | | |
|---------------------------------|----|------|--------------------------------|----|--------------|
| Blood Urea. | .. | 3082 | Blood Sugar. | .. | 6022 |
| Blood for P. O. Sugar. | .. | 5814 | Blood for R. A. Tests. | .. | 214 |
| Blood Serum Cholesterol. | .. | 870 | Blood Uric Acid. | .. | 375 |
| Blood Serum Billirubin. | .. | 674 | Blood Serum Protein. | .. | 541 |
| Blood Serum Calcium. | .. | 542 | Blood L. F. T. Tests. | .. | 446 |
| Blood V. D. R. L. Tests. | .. | 2228 | Blood Serum Alkaline Phosphate | .. | 507 |
| Blood S. G. O. T. & S. G. P. T. | .. | 524 | Blood Widal Tests. | .. | 404 |
| Blood Serum Creatinine tests. | .. | 1639 | Blood Serum Electrolytes | .. | 942 |
| | | | Total | | 24965 |

Grand Total .. **90242**

Investigations Department wise.

(1) Department of Pathology

Surgical Histopathology Section :

| | | | | | | |
|---|----|----|----|----|----|--------|
| (1) Surgical tissue received | .. | .. | .. | .. | .. | 4,495 |
| (2) Fluids for cytological examination | .. | .. | .. | .. | .. | 974 |
| (3) Surgical blocks prepared | .. | .. | .. | .. | .. | 8,514 |
| (4) Slides of surgical tissues prepared Cytology & E. N. T. | .. | .. | .. | .. | .. | 18,014 |

(Details of surgical slides prepared)

| | | | | | | |
|-----------------------------------|----|----|----|----|----|------|
| (1) Dr. Bhajekar Hospital | .. | .. | .. | .. | .. | 13 |
| (2) Kasturba Hospital | .. | .. | .. | .. | .. | 5 |
| (3) Tata Hospital | .. | .. | .. | .. | .. | 75 |
| (4) Eye Hospital | .. | .. | .. | .. | .. | 10 |
| (5) G. E. Department | .. | .. | .. | .. | .. | 948 |
| (6) Medicine Department | .. | .. | .. | .. | .. | 600 |
| (7) Special Stains | .. | .. | .. | .. | .. | 435 |
| (8) Duplicate Slides | .. | .. | .. | .. | .. | 787 |
| (9) Practical Class | .. | .. | .. | .. | .. | 800 |
| (10) Request from staff | .. | .. | .. | .. | .. | 100 |
| (11) Slides for meeting | .. | .. | .. | .. | .. | 300 |
| (12) Neurology Dept. | .. | .. | .. | .. | .. | 498 |
| (13) Thesis work: | .. | .. | .. | .. | .. | 410 |
| (14) Kurla Bhabha Hospital | .. | .. | .. | .. | .. | 5 |
| (15) Cytological Slides. | .. | .. | .. | .. | .. | 2922 |
| (16) Duplicate Slides. | .. | .. | .. | .. | .. | 292 |
| (17) Cytological Blocks & Slides. | .. | .. | .. | .. | .. | 350 |
| (18) E. N. T. Tissues. | .. | .. | .. | .. | .. | 348 |
| (19) E. N. T. Blocks. | .. | .. | .. | .. | .. | 530 |
| (20) E. N. T. Slides. | .. | .. | .. | .. | .. | 750 |

HAEMATOLOGY SECTION :

Total investigations done in 1982 15146.

Different test done are as follows :—

| | | | | | | |
|--|----|----|----|----|----|------|
| 1. Appointment given for complete Haemogram. | .. | .. | .. | .. | .. | 2140 |
| 2. Complete Haemogram done. | .. | .. | .. | .. | .. | 4827 |
| 3. Reticuloeyti test done. | .. | .. | .. | .. | .. | 3800 |
| 4. Platelet Counts. | .. | .. | .. | .. | .. | 3500 |
| 5. Hb., BT, C.T. | .. | .. | .. | .. | .. | 1012 |
| 6. Malarial parasites. | .. | .. | .. | .. | .. | 1600 |
| 7. L. E. Cell test. | .. | .. | .. | .. | .. | 300 |
| 8. Bone Marrow slides. | .. | .. | .. | .. | .. | 137 |
| 9. G-6-P. D. test. | .. | .. | .. | .. | .. | 100 |
| 10. Filariar parasites. | .. | .. | .. | .. | .. | 100 |
| 11. Osmotic fragility. | .. | .. | .. | .. | .. | 50 |
| 12. Sickling test. | .. | .. | .. | .. | .. | 20 |

Chemical Pathology.

| | | | | | |
|-------------------|----|-------|-----------------------|----|---------------|
| Blood Sugar | .. | 48861 | G. T. C. | .. | 109 |
| Blood Urea | .. | 20624 | Creatinine. | .. | 20507 |
| Uric Acid. | .. | 1345 | Creatinine clearance. | .. | 22 |
| Fibrinogen | .. | 354 | Total Protein | .. | 7919 |
| Total Albumin | .. | 7919 | Alk Phosph | .. | 9488 |
| Wanden Bergh | .. | 4573 | I Index | .. | 4573 |
| Bilirubin total | .. | 7740 | Bilirubin direct | .. | 7740 |
| S. G. O. T. | .. | 8275 | S. G. P. T. | .. | 8311 |
| P. T. P. I. | .. | 2765 | Inovg Phosph | .. | 1197 |
| Acid Phosphate | .. | 406 | Serum Amylase | .. | 1000 |
| Serum Cholesterol | .. | 5902 | Gastric Analysis | .. | 58 |
| C. S. F. Sugar. | .. | 1235 | C. S. F. Chlorides. | .. | 1235 |
| B. S. P. | .. | 4 | Urobilinogen. | .. | 13 |
| Total Lipid. | .. | 296 | Triglycerides. | .. | 296 |
| Phospho-lipid. | .. | 295 | S. L. D. H.. | .. | 827 |
| Serum Sodium. | .. | 17123 | Serum Potassium. | .. | 17123 |
| Serum Chloride. | .. | 1911 | Serum Calcium. | .. | 1754 |
| Urine Calcium. | .. | 34 | Urine Creatininc. | .. | 34 |
| Urine Phospharas. | .. | 34 | Urine Sodium. | .. | 76 |
| Urine Potassium. | .. | 76 | Urine Chloride. | .. | 76 |
| Sweat Na. | .. | 2 | Sweat C. | .. | 2 |
| Sweat K. | .. | 2 | V. M. A. | .. | 10 |
| Urine Osmalality. | .. | 2 | B. J. Protein. | .. | 12 |
| Porphobilinogen. | .. | 25 | Spectroscopy | .. | 5 |
| C. P. K. | .. | 103 | Blood PCO2. | .. | 147 |
| Total .. | | | | | 220361 |

P. M. Histopathology Section :—

Investigations carried out in P. M., Histopathology Section during the year 1982:—

| | | |
|--------------------------------------|----|-------|
| Autopsies performed during the year. | .. | 1082 |
| Post Mortem blocks prepared and cut | .. | 15047 |

Details of P. M. Slides prepared—

| | | |
|---|----|------|
| (1) Special Stains. | .. | 4325 |
| (2) Practical Class | .. | 150 |
| (3) Duplicate Slides. | .. | 705 |
| (4) Blocks cut for preparation of good slides for post graduate students. | .. | 1220 |

(2) Department of Microbiology :—

BACTERIOLOGY :

| | | | | | |
|--------------------------------------|----|------|---------------------------------|----|------|
| Urine | .. | 6435 | Sputum | .. | 2575 |
| Pus and Pus Swabs | .. | 2057 | Cerebuospinal fluid | .. | 2190 |
| Pleural fluids | .. | 500 | Ascitic fluids | .. | 389 |
| Peritoneal fluid | .. | 117 | Pericardial fluid | .. | 20 |
| Synovial fluid | .. | 3x | Miscellaneous Aspiration | .. | 205 |
| Wound Swab | .. | 19 | Ulcer Swabs | .. | 7 |
| Bronchial Swabs and Aspirates | .. | 74 | Umbilical Swabs | .. | 12 |
| Throat Swabs | .. | 274 | Nasal Swabs | .. | 2 |
| Ear Swabs. | .. | 42 | Kidney, Liver, Lung etc. Swabs. | .. | 17 |
| Conjunctival Corneal | .. | 85 | Stool and rectual swabs. | .. | 116 |
| Cervical, Endometrial vaginal Swabs. | .. | 186 | Urethral, Prostatic Swabs. | .. | 6 |
| Blood Culture | .. | 1065 | Clot culture | .. | 1796 |

Mycology Section :—

| | | | | | |
|---------------|----|----|---------|----|----|
| C. S. F. | .. | 43 | Sputum. | .. | 31 |
| Urine. | .. | 40 | Stool. | .. | 18 |
| Swabs. | .. | 41 | Fluids. | .. | 18 |
| Miscellenous. | .. | 23 | | | |

Food Handler's Scheme :—

| | | | |
|---|--|----|------|
| 1 | Total No. of food handler's examined. | .. | 1137 |
| 2 | Total No. of food handler's examined. | .. | 1157 |
| 3 | Total No. of report stool examined. | .. | 98 |
| 4 | Total No. of Urine examined. | .. | 1039 |
| 5 | Total No. of Widal test Carried out. | .. | 1133 |
| 6 | Nos. of Widal repeated. | .. | 6 |
| 7 | Total No. of stool culture for salmonella. | .. | 7 |

| | | | |
|----|--|-----|------|
| 1. | Sputum Smears examined for A and B only. | ... | 3990 |
| 2. | Material cultured for anaerobes. | .. | 192 |
| 3. | Material cultured for sterility of Operation theatres. | .. | 100 |
| 4. | Sensitivity Tests for antibiotics. | .. | 5350 |
| 5. | Post mortem samples cultured. | .. | 289 |

Serology Section

| | | | |
|--|-------|----------------------|-------|
| Blood V. D. R. L. | 14250 | C. S. F. V. D. R. L. | 1307 |
| Blood widal. | 1764 | R. A. Test. | 517 |
| A. S. O. Titre. | 266 | Paul Bunnel Test. | 13 |
| Weil-felix text. | 4 | Formal Gel test. | 7 |
| Brucellosis. | 1 | Cold Ag. test. | 1 |
| | | | 18134 |
| Total No. of Widal from Food Handler's Scheme. | | | 715 |
| | | Grand Total .. | 17047 |

t1) Department of Pharmacology :

Investigations carried out in the Radioisotope Unit during the period of 1st January 1982 to 31st December 1982.

| | | | |
|-----------------------------------|-----|----------------------|-----|
| Thyroid uptake slides with I 131. | 550 | Thyroid Scan. | 300 |
| T3 charcoal uptake. | 750 | Serum T4 assay. | 750 |
| Perchlorate discharge test. | 2 | T3 suppression test. | 12 |
| Radioiodine therapy. | 1 | Brain scan. | 450 |
| Bone Scan. | 3 | Liver scan. | 500 |
| Spleen Scan. | 500 | | |

(5) BLOOD BANK :—

| | | | |
|--------------------------------|------------|--|---------|
| (1) Blood collection :— | Total—7096 | | |
| Voluntary Donors. | .. 4796 | Replacement Donors. | .. 1516 |
| Professional Donors. | .. .. | No. of Blood bottles brought from other hospitals. | .. 784 |
| No. of outdoor blood sessions. | .. 91 | | |

(2) Blood utilisation :—

| | | |
|--|-------|------|
| Issued to Nair Hospital patient . | .. .. | 6156 |
| Transfusion given from used bottles. | .. .. | 5302 |
| Blood bottles given to other hospitals & Blood bank. | .. .. | 1215 |
| Blood bottles sent for Plasma processing. | .. .. | 521 |
| Blood bottles discarded. | .. .. | 104 |
| Used for Antisera. | .. .. | 67 |

(3) Pretransfusion tests in Donor samples :—

| | | |
|--------------------|-----------------------------------|---------|
| Grouping. | .. .. | 7096 |
| Antibody Screening | 1. Total No. tested. | .. 7096 |
| | 2. Irregular antibodies detected. | .. 11 |

Hepatitis Screening.

| | | |
|---------------------------------|-------|------|
| Total number tested for HBs ag. | .. .. | 7096 |
| HBs ag Positive. | .. .. | 54 |
| Negative. | .. .. | 7042 |

| | | | | | | |
|---|----|----|----|----|--------------|-------------|
| V. D. R. L. Screening :- | | | | | | |
| Total No. of tests done. | .. | .. | .. | .. | .. | 6312 |
| Positive. | .. | .. | .. | .. | .. | 49 |
| Negative. | .. | .. | .. | .. | .. | 6272 |
| Low titre screening done. | .. | .. | .. | .. | .. | 987 |
| (4) Pretransfusion tests done in patients :- | | | | | | |
| (1) Routine grouping. | .. | .. | .. | .. | .. | 409 |
| (2) Grouping with cross matching. | .. | .. | .. | .. | .. | 10472 |
| (3) Antibody detection. | .. | .. | .. | .. | .. | .. |
| Irregular antibodies detected. | .. | .. | .. | .. | .. | 38 |
| (4) Compatibility tests done. | .. | .. | .. | .. | .. | 10472 |
| (Major, Minor, Saline and Enzyme tests) | .. | .. | .. | .. | .. | .. |
| Coomb's compatibility. | .. | .. | .. | .. | .. | 650 |
| (5) Hepatitis screening done in patients undergoing major surgery all negative. | .. | .. | .. | .. | .. | 50 |
| (6) HBs ag tests for other patients referred from wards and outpatients. | .. | .. | .. | .. | .. | 32 |
| (27 negative + 3 positive). | .. | .. | .. | .. | .. | .. |
| (5) Antenatal Serology :- | | | | | | |
| (1) Grouping. | .. | .. | .. | .. | .. | 4633 |
| (2) Antibody detection : Total | .. | .. | .. | .. | .. | 4633 |
| Special cases referred | .. | .. | .. | .. | .. | 133 |
| RH Incompatibility. | .. | .. | .. | .. | .. | 88 |
| ABO Incompatibility. | .. | .. | .. | .. | .. | 34 |
| Coomb's tests. | .. | .. | .. | .. | .. | 233 |
| Ab titrations | .. | .. | .. | .. | .. | 385 |
| (3) Cord blood grouping. | .. | .. | .. | .. | .. | 3059 |
| (4) M. T. P. Grouping. | .. | .. | .. | .. | .. | 716 |
| (5) Cases referred for exchange transfusion. | .. | .. | .. | .. | .. | 100 |
| (6) Preparation of reagents :- | | | | | | |
| No. of samples screened for high titre Abs. | .. | .. | .. | .. | .. | 987 |
| (7) Blood component therapy :- | | | | | | |
| Packed red cells. | .. | .. | .. | .. | .. | 1029 |
| Pooled plasma. | .. | .. | .. | .. | .. | 291 |
| Platelets. | .. | .. | .. | .. | .. | 35 |
| Buffy coat. | .. | .. | .. | .. | .. | 10 |
| F. F. P. | .. | .. | .. | .. | .. | 169 |
| Cryoprecipitate. | .. | .. | .. | .. | .. | 5 |
| | | | | | Total | 1603 |
| (8) Bacteriologic quality control :- | | | | | | |
| Blood bottles cultured. | | | | | | |
| Total | .. | .. | .. | .. | .. | 49 |
| Sterile. | .. | .. | .. | .. | .. | 45 |
| Contaminated. | .. | .. | .. | .. | .. | 5 |
| Organisms. | .. | .. | .. | .. | .. | .. |
| Isolated : B. Subtilis and staph albus. | .. | .. | .. | .. | .. | .. |
| Staph albus. | .. | .. | .. | .. | .. | .. |
| Pseudomonas. | .. | .. | .. | .. | .. | .. |
| B. subtilis. | .. | .. | .. | .. | .. | .. |
| Time expired Plasma units cultured :- | | | | | | |
| Total | .. | .. | .. | .. | .. | 92 |
| Sterile. | .. | .. | .. | .. | .. | 53 |
| Contaminated. | .. | .. | .. | .. | .. | 39 |
| Organisms isolated. | .. | .. | .. | .. | .. | .. |
| Staph aureus. | .. | .. | .. | .. | .. | .. |
| Bottles with doubtful sterility :- | | | | | | |
| Total. | .. | .. | .. | .. | .. | 10 |
| Contaminated. | .. | .. | .. | .. | .. | 2 |
| Sterile. | .. | .. | .. | .. | .. | 7 |
| Organisms Isolated. | .. | .. | .. | .. | .. | .. |
| B. subtilis and | .. | .. | .. | .. | .. | .. |
| Staph albus. | .. | .. | .. | .. | .. | .. |
| Klebsiella | .. | .. | .. | .. | .. | .. |

APPENDIX No. 7

RADIOLOGY DEPARTMENT :

Investigations carried out :—

| | Total No. of patients |
|---|-----------------------|
| I. Respiratory System | |
| Bronchograms. | 31 |
| II. Cardio-Vascular System :— | |
| 1. Aortogram. | 7 |
| 2. Carotid Angiograms. | 323 |
| 3. Renal Angiograms. | 14 |
| 4. Femoral Angiograms. | 7 |
| 5. Venograms. | 15 |
| III. Gastro-Intestinal System :— | |
| 1. Sialograpny. | 3 |
| 2. Palatography | 3 |
| 3. Barium Swallow. | 177 |
| 4. Barium Meal. | 372 |
| 6. Hypotonic Duodenography | 5 |
| 6. Barium Enema. | 106 |
| 7. Oral Cholecystograms. | 10 |
| 6. I. V. Cholangiograms. | 4 |
| 7. T. tube Cholangiograms. | 11 |
| 10. Oral Cholangiography. | 58 |
| 11. Porto-venogram (Spleenogram) | 32 |
| IV. Genito-Urinary System :— | |
| 1. I. V. P. | 506 |
| 2. Ascending Pyelography | 65 |
| 3. Cysto Urethrogram. | 16 |
| 4. Mict. Cystourethrogram | 59 |
| V. C. N. S. :— | |
| 1. Air Ventriculogram | 2 |
| 2. Myelogram. | 64 |
| 3. P. E. G. | 3 |
| 4. Myodil Ventric. | 44 |
| VI. Obstetrics & Gynaec. | |
| 1. Placentogram. | .. |
| 2. Hystero-Salpingogram. | .. |
| VIII. MISCELLANEOU :— | |
| 1. Fistulogram. | 3 |
| 2. Sinusogram. | 7 |
| 3. Lymphangiogram. | 6 |
| 4. Daeryocystogram. | 4 |
| 5. Cavitogram. | 10 |
| 6. Routine X-ray investigations. | 61036 |
| 7. Ultrasonography. | 1067 |
| 8. P. T. C. H. | 21 |
| <hr/> | |
| Total No. of patients X-rayed during the year. | 63068 |
| <hr/> | |
| Total No. of X-ray plates used during the year. | 110448 |

APPENDIX No. 8
List of Research Work

| Doctor | Subject |
|----------------------------|--|
| Dr. D. R. Trivedi | 1. General Surgery :— |
| | Iatrogenic pancreatitis—its biochemical and histopath changes, study in dogs. |
| | 2. Gynaec. and Obst. |
| | Tubar Microsurgery for Infertility. |
| | Trans cervical Chemical Sterilisation in females. |
| | Gynecological problems in adolescence genital tuberculosis and infertility. |
| | 3. Department of Anaesthesiology. |
| | Use of Carticaine in epidural anaesthesia. |
| | Endi-expiratory CO ₂ levels in anaesthesia. |
| | Etomidate in Cardiac Surgery. |
| | Etomidate in thermocoagulation. |
| | Research projects in hand. |
| | Dorsalis pedis cannulation for arterial pressure monitoring. |
| | Lung volumes in Normal Indian subjects. |
| | Capillary blood gas analysis in Air-Ether Anaesthesia. |
| | Studies in Co-agation in surgery and anaesthesia. |
| | 4. Endocrinology Department. |
| | Clinical studies in growth retardation. |
| | Studies in cases on intersex. |
| | Studies in cases of thyroid disturbances. |
| | Stimulation tests in cases of adrenal disorders. |
| | Experimental studies in Re productive biology. |
| | Effect of pharmacologic agents on pulse amplitude of LHRH. |
| | Comparison of L-Dopa, Ex-L-Dopa and insulin hypoglycemia stimulation tests for diagnosis of growth hormone deficiency. |
| | Response to Bromocryptine in hyperprolactinaemia and pituitary Adenoma. |
| | Evaluation of gonadotropin response to the estrogen feedback in abnormal sexual behaviour, genetic disorders and CAH. |
| | Evaluation of Antiandrogen therapy in Hirsutism. |
| | Evaluation of Antisperm AB in vasectomised males and infertile couples. |
| | Purification and development of HCG-LH receptor from rate test and bovine corporatutea for development of HCG receptor assay |
| | Sex chromatin and karyotyping studies in genetic disorders. |
| | 5. Department of Gastroenterology. |
| | Serum Gastrin levels with and without intragastric infusion, to Red Chilli Powder. |
| | Clinical study of patients with Acute upper G.I. Bleeding. |
| | Clinical study of patients with Traumatic proctitis. |
| | Histological study of Oesophagus, Stomach in patients with symptomatic clinical Tobacco Gastritis. |
| | 6. Plastic Sergerly. |
| Pharyngeal reconstruction. | |

APPENDIX VI.—(Contd.)

| Doctor. | Subject. |
|--|---|
| | 7. Department of Preventive and Social Medicine. |
| Dr. Saroj S. Jha Dr. Daksha Pandit | .. Health education through game. |
| Dr. Saroj S. Jha Mrs. Asha Krishnamurthy | .. Burns Mortality in Bombay city. |
| Dr. Saroj S. Jha Dr. Parimala Subramanian | .. Sex and Family life education for youth |
| Dr. Radha Aras Dr. Vijaya Naik | .. Impact of Health programme on pregnant women |
| Dr. Daksha Pandit Dr. Saroj S. Jha | .. Study of knowledge, attitude and practices of Traditional Birth Attendants in an urban slum community. |
| Dr. Radha Aras Mr. S. S. A. Rashid | .. Epidemiological study of some of the characteristics of medical problems in hospitalised elderly. |
| Dr. Vijaya Naik Dr. Radha Aras | .. Field Testing the Weight for Height Chart Technique for the assessment of Children's nutrition. |
| Dr. Parimala Subramanian Dr. Arun Goel | .. Human Sexuality. |
| Dr. Parimala Subramanian Dr. Vijaya Naik Dr. Sunita Shanbhag Mr. Rashid | .. Population survey at Shahajinagar, Cheeta Camp and Deonar. |
| Dr. Sunita Shanbhag Dr. Saroj S. Jha | .. A survey of health and social status of elderly women in a Bombay slum. |
| Dr. Chawla | .. Epidemiological study of deafness in children of deaf school. |
| Dr. Vijaya A. Naik Dr. Parimala Subramanian | .. Tuberculosis in Deonar slums. |
| | Skin and V.D. |
| | Gonococcal Culture and Antibiotic Sensitivity. |
| | Fungal Cultures. |
| | Clinico-cultural studies in urethrites in females. |
| | Clobutazol propionate and Triamcinolone acetate—a double blind study. |
| | Clinical study of a new antifungal agent—Keteconazole in superficial fungal infection. |
| | 9. Department of Psychiatry. |
| | Follow up of chronic Schizophrenic patients. |
| | Longitudinal study of alcohol dependent females. |
| | Prospective study of problem children in Municipal Schools. |
| | Patient attitude and experiences towards ECT. |
| | Psychosis and temporal lobe epilepsy case reporting. |
| | Analysis of ' Attempted Suicide ' cases. |
| | Study of hyperactive children from school mental health clinic. |
| | Psychiatric illness in the first year of marriage. |
| | Parents attitude towards their mentally retarded children. |
| | Project on sterility has been completed and research on ' Psychosomatic Disorders in Gynaec. ' patients has been started in collaboration with Gynaec. and Obst. Dept. of B. Y. L. Nair Ch. Hospital. |

 Doctor.

 Subject.

10. Physiotherapy Department.

Ultraviolet therapy on psoriasis and vitiligo.

Electromyography and Nerve conduction, studies in Neurological Conditions.

11. Department of Microbiology.

Microbial flora of Dental plaque in pan chewers and smokers—work still in progress.

Antibiotic sensitivity tests of M. tuberculosis study completed in 1982.

A study of Mycobacteria isolated from cervical lymphnodes study being carried out.

12. Department of Biochemistry.

Biochemical profile in anaesthesia during surgery.

Biochemical studies in Rheumatoid arthritis.

Biochemical aspects in contraception.

Biochemical studies in mental disorders.

Human Chorionic Gonadotropin/Lutenising hormone receptors—Extraction and application.

Immunological aspects of Andrology.

13. Department of Anatomy.

Special Exfoliative cytology including the use of Tetra Cyclin Fluoresence for exclusion of malignancy.

Developing a hystological stain from a plant extracts.

Use of Calcium hydroxide as a stimulator for the bone formation.

APPENDIX No. 9

List of Publication and Papers read.

| Doctor | Subject | Particulars where published. |
|-----------------------------|--|--|
| 1. General Surgery, | | |
| Dr. D. R. Trivedi | .. Endoscopic retrograde cholangic pancreaticography in view of 70 cases. | At A.S.I. in December 1982. |
| | Splenectomy in various haematological disorders. | At A.S.I. in December 1982. |
| | Acute Haemodilution in routinely planned surgery. | At A.S.I. in December 1982. |
| | Percutaneous transhepatic cholangiography. | At A.S.I. in December 1982. |
| | Obstructive Jaundice. | .. At A.S.I. in December 1982. |
| | Selective shunting in portalhypertensia. | At A.S.I. in December 1982. |
| 2. Obst. and Gynaec. | | |
| Dr. C. M. Alwani | .. Hysteroscopy | At World Conference Obst. and Gynaecology held in San Francisco in October 1982. |
| | Cervikator | Coauthor in paper presented at World Conference Obst. and Gynaec. held in San Francisco in October 1982. |
| | Unmarried mother | 6th World Conference of Sexology to be held in Washington in May 1983. |
| | Adolescent Premarital Heterosexual Attitudes. | 6th World Conference of Sexology to be held in Washington in May 1983. |
| | Epidosin Vs. Low Voltage stimulation of cervix for acceleration of labour. | All India Conference of Obst. and Gynaecology held at Poona in December 1982. |
| Dr. C. M. Alwani | .. Transplacental haemorrhage following M.T.P. | Co-author of paper presented at XXVI All India Conference of Obstetrics and Gynaec. held at Poona in December 1982. Chaired a Session in XXVI. All India Conference of Obstetrics and Gynaec. held at Poona in December 1982. |
| Dr. (Mrs.) S. K. Shah | | Attended the world congress of Obst. and Gyn. held in San Francisco in October 1982. |
| | Diagnosis of Amenorrhoea | Seattle. |
| | Special in Ante-natal Sonagraphy | Attended Obst. and Gyn. dept. At Hospital—Seattle. |
| | Diagnosis of Pr. Amenorrhoea | 1st Congress of Juvenile and Adolescent Gyn. held at Bombay in early December 1982. Attended the All India Conference of Obst. and Gyn. held at Poona in December 1982 |
| | Diagnosis of amenorrhoea | 1st Congress of Juvenile and Adolescent Gyn. held at Bombay in early December 1982. |
| | Preterm Labour | Member of Panel organised by Bombay Gyn. Obst. Society in January 1983. |

| Doctor | Subject | Particulars where published | |
|-------------------------------------|---|--|--|
| Dr. V. R. Ambiye | Reproductive performance following Purandare's Cervicopexy. | J. Obst, Gyn. India. | |
| | Reproductive performance following Fothergill's Repair. | J. Obst. Gyn. India. | |
| | Amnioscopy and assessment of Fetoplacental Unit. | J. Obst. Gyn. India. | |
| | Transplacental Haem. following M.T.P. (Study of 400 cases). | J. Obst. Gyn. India. | |
| Dr. V. R. Ambiye | Hormonal Cytology in threatened Abortion and Follow up of cases with Low K.P.I. | | |
| | Transplacental Hemorrhage following M.T.P. | At Pune Annual Obst. and Gyn. Conference in December 1982. | |
| | Epidosin Vs. Cervilator in acceleration of labour | Co-author of the paper presented at Pune Annual Obst. and Gyn. Conference in December 1982. | |
| Dr. S. S. Thakur | | Attended XXIII International Biennial Congress of International College of Surgeons New Delhi, 17-23 February 1982. | |
| | | Chaired a Session. | |
| | | Conducted a CME course in Obst. Gyn. | |
| | | Attended and participated in the 7th International Workshop in Laparoscopy and Microsurgery in Gynaecology, University of California April 22-25, 1982. | |
| | | Attended and took part in the deliberations of the Conference of Bombay Obst, Gyn. Society, June 1982. | |
| | | Attended the XXVII conference of the International College of Surgeons, Ahmedabad, October 1982, took part in the deliberations Elected Vice President. | |
| | | Attended XXVI All India Ob-Gyn. Conference Pune 28-31 December, took part in deliberations. | |
| | | Research Society project. | |
| | Dr (Mrs.) R. Merchant | Insulin Assays in Pregnant mothers | |
| | | Microsurgery in Gynecology | At 26th All India Obst. and Gyn. Conference, Poona, December 1982. |
| | Micorsurgery for reversal of sterilisation. | Delivered the keynote address at the Fourth Indian Conference on Voluntary Sterilisation, Manipal, September 1982. | |
| Dr. (Mrs.) R. Merchant | Utero-Tubal Junction-Clinical and Morphological Aspect. | International Journal of Fertility—U.S.A. | |
| | | Twenty six All India Obst. and Gynaec. Conference, Poona December 1982. | |
| | | Fourth Indian Conference on Voluntary Sterilisation at Manipal India, September 1982. | |
| | | International Symposium on Endocrinology and infertility at Vancouver, Canada, August 1982. | |
| 3. Department of Pediatrics. | | | |
| Dr. (Mrs.) P. M. Pai | | Conference attended at Workshop, on perinatal medicine of FGOSI Bombay, August 1982. | |
| | | Conference attended at WHO fellows union meeting for MCH FP urriculum at Trivandrum, December 1982. | |
| | | Conference attended at Member of organising Committee and Co-chairman at a Scientific Session 'National Seminar on Viral hepatitis' Bombay, December 1982. | |

| Doctor. | Subject. | Particulars where published. |
|--|---|--|
| Dr. (Mrs.) S. M. Lokeshwar. | | Conference attended at IInd Annual Convention of National Neonatology forum. |
| Dr. R. K. Anand. | | Conference attended at Perinatal Medicine Workshop organised by the Federation of Obstetric & Gynaec. Societies of India, 5-8 August 1982, Bombay. Conference attended at Annual Conference of Doctors working for the Family Planning Association of India, 12 August 1982, Bombay. Conferences attended at Conference of Nurses on theme 'Breast Feeding, Child Health & Family Planning, 30-31, October 1982 Hyderabad. |
| Dr. R. K. Anand. | | Conference attended at XIX National Conference of the Indian Academy of Paediatric Cuttack, 5-8, December 1982. Annual Conference of Federation of Obstetric and Gynaec. Societies of India 29 to 31 December 1982. |
| Dr. R. D. Potdar. | | Conference attended at Maharashtra regional Conference at Kolhapur. |
| Dr. (Mrs.) M. V. Kulkarni. | | Conference attended at 13th Annual Conference of Indian Association of Clinical Psychologist, Bombay, November 1982 Workshop on Kinesiological Examination for Early Diagram of C. P. Bombay, November-December 1982. |
| Dr. (Mrs.) B. L. Barnes. | | 13th Annual Conference of Indian Association of Clinical Psychologist, Bombay, November 1982. Workshop on Behaviour Modification and treatment in C. P. child, November-December 1982. |
| Dr. P. M. Pai. | New Concepts in Foetal Physiology. | Federation of Gynaec. & Obst. Society of India. |
| Dr. P. M. Pai. Dr. R. P. Parekh. | Hepatic Coma. | National Seminar on Viral Hepatitis. |
| Dr. P. R. Parekh. Dr. P. M. Pai. | Prediction of outcome of viral hepatitis. | National Conference of Indian Academy. |
| | Epidemiology of Infective hepatitis, in children. | National Conference of Indian Academy of Paediatrics. |
| | Fate of Newborns of pregnancy complicated with hepatitis. | National Conference of Indian Academy. |
| Dr. M. V. Kulkarni. Dr. B. L. Barnes. Dr. P. M. Pai. Dr. M. C. Patel. | Clinical study of maternal rejection in malnutrition. | 13th All India Conference of Psychologist. |
| Dr. P. M. Pai Dr. H. B. Samel. | Recurrent hospitalisation. | Bombay Hospital. J. 34, 3, July 1982. |
| Dr. P. M. Pai. Dr. M. V. Kulkarni. Dr. M. C. Patel. | Etiopathogenesis of maternal rejection in malnutrition. | The Medicine & Surgery Journal, 22 : 2 September 1982. |

| Doctor. | Subject. | Particulars where published |
|--|--|--|
| Dr. S. E. D'mello. Dr. P. M. Pai. | Marfan's syndrome. | Bombay Hospital Journal 21:40 1982. |
| Dr. P. M. Pai. Dr. S. M. Lokeshwar. Dr. R. J. Khanna. | Prolonged Labour its effects in Newborn. | Ped. Clin. Ind. P. 21 July 1982. |
| Dr. R. H. Udani. | Mortality and nutritional status of Preschoolers in Bombay slums. | Ped. Clin. Ind. 17:22, 1982. |
| | Pediatric dermatoses and eradication in slums. | Ind. J. Pediatrics 49:135-139, 1982. |
| | Multiple cysts in the liver and infantile Polycystic disease of kidneys. | A case report Postgraduate Journal of Medicine 28:109-111, 1982. |
| | Impact of ICDS on preschoolers of urban slums. | Ind. J. Pediatrics 49:215-218, 1982. |
| Dr. A. Sawiwala. | Reiger's syndrome. | Indian Ped. Feb. 1982. |
| Dr. R. K. Anand. | Nursing Care for high risk neonate. | Perinatal Medicine Workshop Bombay, Aug. 1982. |
| | Breast Feeding and infant nutrition. | Conference organised by Family Planning Association of India, Bombay, 12-8-1982. |
| | Breast feeding, Child Health & Family Planning. | At the Conference organised by Family Planning Association of India, Hyderabad, October 1982. |
| | The Pediatricians and the Inter- Breast Code of Marketing of east milk substitutes. | XIX National Conference of Indian Academy of Pediatrics, Cuttack, Dec. 1982. |
| | Pediatricians Role in Breast Feeding and Fertility Regulation and its social importance. | Annual Conference of the Obst. and Gynaec. Society of Indian Pune, Dec. 1982. |
| Dr. B. L. Barnes. | Egostrength of Sea Farers. | |
| (4) Department of Anaesthesiology. | | |
| Dr. V. M. Divekar. Dr. L. D. Naik. Dr. H. H. Raksha. | Use of Etomidate in Cardiac Surgery. | Annual Conference of the Indian Society of Anaesthetists, Dec. 1982, Mangalore. |
| Dr. L. D. Naik. Dr. Shenoy. Dr. V. M. Divekar. | Etomidate as a continuous infusion. | |
| Dr. V. M. Divekar. Dr. S. D. Gosavi. | Riken Gas indicatoran evaluation. | |
| Dr. V. H. Bhagatwala. Dr. P. S. Raje. Dr. V. M. Divekar. | Intermittent positive Pressure Ventilation in Post Fossa Craniotomy in the sitting position. | |
| Dr. D. M. Thahkar. Dr. B. M. Kamdar. Dr. V. M. Divekar. | End-expiratory CO ₂ levels during anaesthesia. | |
| Dr. A. D. Nadgir. Dr. V. M. Divekar. | Use of Etomidate in thermocoagulation of V nerve. | |
| Dr. V. M. Divekar. | Electrical Hazards in the operation theatre. | Feb. 1982 Ind. Journal of Anaesthesia. |
| Dr. V. M. Divekar. Dr. I. D. Panchal. Dr. B. M. Kamdar. | Critical appraisal of Enflurane in Indian Subjects. | |
| Dr. V. M. Divekar. Dr. I. P. Kavadia. | Massive Haemangiomas of the upper airway. | British Journal of Anaesthesia (U. K.) Feb. 1982. |

| Doctor | Subject | Particulars where published. |
|---|--|--|
| (5) Department of Gastroenterology. | | |
| | Diabetes Insipidus presenting as a lump in abdomen. | Indian Journal of Medical Sciences (in press.) |
| | Mediastinal Emphysema and pneumothorax. : An unusual complication during peritoneoscopy. | JAPI 1982, Vol. 30, No. 2. |
| | Stomach in tropics. | Indian Journal of Gastroenterology 1982; 1:26-34. |
| | Irritable Bowel Syndromes. | JAPI 1982; 30:351. |
| | Gastric Function Study in Cirrhosis of Liver. | JAPI 1982; 30:791. |
| (6) Department of Cardiovascular & Thoracic Surgery. | | |
| Dr. B. R. Kalke. | Use of Autologous Pericardium for fashioning Heart Valves for Valvular Replacement. | At American College of Angiology held between 29th August, 1982, to 3rd Sept. 1982 in Minneapolis, Minnesota, U. S. A. |
| Dr. M. Venkatraman. | Pericardiectomy for Pyopericardium in Children. | At the 42nd Annual Conference of the Association of Surgeons of India held in Bombay. |
| | KOLE Cardiologia Unit. | At the 42nd Annual Conference of the Association of Surgeons of India held in Bombay. |
| (7) Department of Cardiology. | | |
| | Rheumatic Heart Disease incidence Tropical Cardiology Bombay. | API Conference, Cuttack, Jan. 1983. |
| | Coronary risk factors-Tropical Cardiology Bombay. | API Conference, Cuttack, Jan. 1983. |
| | Cine Angiography in ASD. | API Conference, Cuttack, Jan. 1983. |
| | Growth related variations in echo cardiographic parameters. | API Conference, Cuttack, Jan. 1983. |
| | 2D echo in Lutembachens syndrome. | API Conference, Cuttack, Jan. 1983. |
| | Echocardiography in mitral valve prolapse. | Symposium at API 1983. |
| | Left Atrial Myxoma. | At ISMU meeting 1982. |
| | A Newlook at applied Cardiac Embriology. | Pediatric Clinics of India, Dec. 1982. |
| Dr. R. C. Hansoti, Dr. S. Sharma. | Child with operated congenital heart disease. | Pediatric Clinics of India, 1982. |
| Dr. S. Sharma. | Calcium channel Blockers in electrocardiology. | Electrocardiology of calcium channel blockers in symposium, in API conference Cuttack, Jan. 1983. |
| (8) Department of Plastic Surgery. | | |
| Dr. S. M. Mahalaxmivala. Dr. Ashok Shah. | Pan-facial fractures. | At 17th National Conference of Association of Plastic Surgeons of India. |
| Dr. S. M. Mahalaxmiwala | Problems in Use of different types of implants in Augmentation Mammoplasty. | At XVII Annual Conference of the Association of Surgeons of India. |
| Dr. S. M. Mahalaxmivala. Dr. Ashok Shah. | Use of Silastic and Teflon implants in Recontouring the face. | At XVII Annual Conference of the Association of Surgeons of India. |
| Dr. S. M. Mahalaxmivala. | Malignant Melanoma Thumb-Primary Pollicization. | At VIII Annual Conference of Society for Surgery of the Hand. |

| Doctor | Subject | Particulars where published. |
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| (9) Department of Endocrinology. | | |
| Dr. S. M. Shahani Other staff members. | | Invited by I. C. M. R. to attend meeting of Immunology Task force in February 1982 at Delhi. |
| | | Invited to participate in symposium on 'In Vitro Fertilization' held at California, on 25th & 26th October 1982. |
| | | International symposium on 'Hormone Receptors in growth and Reproduction' held at Bombay in Nov. 1982. |
| | | XXVI All India Obstetric and Gynaec. Congress at Pune in Dec. 1982. |
| Dr. S. M. Shahani. | Modulation of Hypothalamic Pituitary Axis. | Oration lecture of Endocrine Society of India presented in A. P. I. Conference at New Delhi, 23rd Jan. 1982. |
| | Hormones in Sexual disorders. | Talk given in First Asian Congress of Sexology at Bombay. |
| | Scope of Radioimmunoassays of hormones in the diagnosis of Endocrine Dysfunction. | Presented at a seminar on "Endocrine Update" held under joint auspices of IMA College of general practitioners Bombay subfaculty and scientific committee IMA Bombay Branch. |
| | Different modes of treatment of Anovulation. | Presented in Bombay Obst. and Gynaec. society symposium "Anovulation" held at Bombay on 3rd Oct. 1982. |
| | Ovulation Induction Monitoring. | One of the faculty member of International team of experts presenting workshop on 'Pathophysiology and Hormone treatment of infertile couple arranged by Serono in Bombay, Madras, Delhi and Calcutta in Nov. 1982. |
| | Ovulation. | Talk given on 43rd Advance training Programme of family Planning Association of India at Bombay on 3rd Dec. 1982. |
| | Amenorrhoea. | Participated in panel discussion in XXVI All India Obstetric and Gynaecology Congress at Poona on 30th Dec. 1982. |
| | Scope of Radioimmunoassays of Hormones in the diagnosis of Endocrine Dysfunction. | Bulletin of Indian Medical Association (BIMA) 11-145 (1982). |
| | Clinical evaluation of interval contraception by Norethindrone acetate implant. | Indian Journal of Medical Research, Oct. 1982. |
| | Evaluation of glyceryl phosphorylcholine (GPC) in semen of normal and infertile men. | Journal of Reproduction and Fertility, Nov. 1982. |
| | Hypothyroidism and Reproductive disorders. | Indian Journal of Obst. and Gynaec. June 1982. |
| | Clinical and immunological with Pr-B-HCG TT Vaccine. | Contraception, April 1982. |
| | Clinical Pharmacology and safety data in women treated with Pr-B-HCG-TT Vaccine. | Journal of Obst. and Gynaec. of India in press. |

| Doctor | Subject | Particulars where published |
|---|---|--|
| Dr. S. M. Shahani. | Effect of intra vasa copper wire on fertility and reproductive organs in the rat. | Indian Journal of Medical Research in press. |
| | Effect of 50 Ug. Ethinyl Estradiol on Lipid factors and liver function tests. | Journal of Obst. and Gynaec. of India in press. |
| | Contraceptive Efficacy of Neorethindrone Acetate (ENTA) Implant Its release rate and fertility potential. | Journal of Obst. and Gynaec. of India in press. |
| | Glycerolphosphorylcholine in human seminal plasma as an index of genital tract patency. | Journal of Reproduction and fertility for publication. |
| | Gonads and Intersex. | A chapter in API textbook 82-83. |
| (10) Department of Preventive & Social Medicine. | | |
| Dr. Soraj J. Jha. | Indian Women's Health Status in the context of social development. | Vellore, January 1982. |
| | Primary Health Care. | Pondichery, January 1982. |
| | Development of Nutrition and Health Education Aids. | At Hyderabad January 1982. |
| | M. C. H. Policies and Programmes. | Bombay, April 1982. |
| | Materials and Media in Sex and Population Education. | Bombay, April 1982. |
| | Health of the preschool child Poona. | March 1982. |
| | Challenges in Community Health. | Bombay, January 1982. |
| | Psycho-sexual problems of adolescents in Bombay. | July and December 1982. |
| | Maternal Care Monitoring. | Bombay, August 1982. |
| | Communications in family planning. | Bombay, August 1982. |
| | Counselling in sexuality. | Hyderabad, October 1982. |
| | Series of talks on human sexuality. | Kunoor, May 1982. |
| | Burns Mortality in Bombay. | Journal of Burns (London) Vol. 8 (6) 118-1981. |
| Dr. Parimala Subramanian. | Health Problems in Bombay Slums. | XII National Conference of Indian Association of Preventive and Social Medicine Vellore Jan. 1982. |
| | How to communicate. | Lecture demonstration at Seminar on MCH organised by F. P. A. I. Bombay, Aug. 1982. Participated in Training programme on Tuberculosis for N. S. S. Volunteers at Bombay University August-September 1982. Participated in Sex Education Seminar at Wilson College Bombay October 1982. Gave a talk on Female Reproductive System. |
| | Knowledge and Attitudes to Human Sexuality in Women College Teachers in Bombay. | Journal of Family Welfare 1081 Vol. XXVIII No. 1 58-68 (Sept. 1981). This article was selected to be indexed in Vol. VIII of The Inventory of Marriage & Family Literature (IMFL) University of MINNESOTA, U. S. A. This volume was published by Sage Publication. |

| Doctor | Subject | Particulars where published |
|---------------------------|--|---|
| | | In addition to the above indexing the same article was placed into the newly developed computer retrieval service prepared by Family Resource and Referral Centre at Minneapolis-Minnesota U. S. A. |
| | | The same article selected for inclusion in PIPLINE produced by the Population Information Programme at John Hopkins University Baltimore Maryland, U. S. A. |
| Dr. Parimala Subramanian. | Home medical care An Extended Hospital Programme. | Indian Journal of Community Vol. VII January-April 1982, Vol. I, Page 8-13. |
| | (11) Skin & V. D. | |
| | A cases report of Achromelanosia Progressiva. | Presented at the International Conference of Dermatology in Tokyo. |
| | A case report of Hutchinson-Gilford Syndrome. | Presented at the International Conference of Dermatology in Tokyo. |
| | Symposium in Recent Trends in Dermatology treatment including Leprosy. | |
| | Antifungal Agents today. | |
| | Symposium on Dermato-histopathology. | |
| | (12) Department of Psychiatry. | |
| | Methodology of Suicide. | Indian Journal of Community Medicine, October 1982. |
| | Psychosocial aspects of unmarried MTP. | Bombay Hospital Journal October 1982. |
| | Catatonia review of literature and case reports. | Bombay Hospital Journal October 1982 issue. |
| | Psychological problems of old age. | Bombay Hospital Journal along with Dr. A. P. Patkar in October 1982 issue. |
| | Parapsychology fact of fiction. | Bombay Hospital Journal—July 82 issue. |
| | Special Education Mental retardation a multidisciplinary approach. | |
| | (13) T. B. & Chest Diseases Department. | |
| Dr. G. S. Perhar. | Hepatitis in patients on Antituberculous drugs. | At the 37th International Conference on T. B. & Chest Diseases at Delhi. |
| | (14) E. N. T. | |
| Dr. N. L. Hiranandani. | Vidian Nerve Section in Vasomotor rhinitis. | Attended Annual Conference of Otolaryngologists of India held at Hyderabad. |
| | Allergic Rhinitis. | Attended Maharashtra State Conference of E. N. T. Surgeons held at Nagpur. |
| | | Attended Otoneurology conference at Paris in May 1982. |

| Doctor. | Subject. | Particulars where published. |
|-----------------------------------|--|--|
| Dr. A. G. Pusalkar. | Carcinoma Larynx. | Attended Maharashtra State Conference of E. N. T. Surgeons held at Nagpur. |
| | Vocal cord Palsy. | Attended Conference University of Tubingen, West Germany. |
| Dr. D. S. Grewal. | Cheek reconstruction. | Attended Annual Conference of Otolaryngologists of India held at Hyderabad. |
| Dr. B. K. Sharma. | Unusual case of Sarcoidosis. | Attended Maharashtra State Conference of E. N. T. Surgeons held at Nagpur. |
| Dr. H. K. Sheode | Lymphangioma of tongue. | Attended All India Conference of Otolaryngologists of India held at Hyderabad. |
| Dr. (Smt.) J. R. Desai | Neurogenic Tumours of Head and Neck (16 cases). | Attended All India Conference of Otolaryngologists of India held at Hyderabad. |
| Dr. N. L. Hiranandani | Aerotympanoplasty. | International proceedings. |
| | Tuberculous Cervical Lymphadenitis. | Jaslok Hospital Journal. |
| Dr. A. G. Pusalkar. | Long term fate of cartilage in middle ear. | Journal of Laryngology and Otolaryngology Archives West Germany. |
| | Fibrin glue in Middle Ear. | Journal of Laryngology and Otolaryngology. |
| Dr. D. S. Grewal. | Middle ear mucosa in chronic suppurative otitis media. | Indian Journal of Otolaryngology. |
| | A surgical technique for reconstruction of full thickness defects of cheek and lips after cancer surgery with special reference to the angle of the mouth. | Journal of Laryngology and Otolaryngology, November 1982 (London). |
| Dr. (Smt.) J. R. Desai. | Embryonal Rhabdomyo sarcoma of mastoid region. | Indian Journal of Laryngology and Otolaryngology, January 1983 |
| | Neurogenic Tumours of Head and Neck. | Indian Journal of Laryngology and Otolaryngology. |
| (15) Radiology Department. | | |
| Dr. A. G. Naik. | Ultrasonography in Obst. & Gynaec. | International College of Surgeon's conference at New Delhi. |
| | Ultrasonography basics in imaging of Obstetric cases. | Maharashtra State Radiological conference at Akola. |
| | E. R. C. P. | All India Surgeon's conference at Bombay. |
| | Percutaneous Transhepatic cholecystostomy by Kifa Catheter in obstructive jaundice. | All India Surgeon's conference at Bombay. |
| Dr. G. R. Jankharia. | Radiology of Tuberculosis of bones. | At Annual Conference of M. S. R. A. at Akola. |
| | Interventional technique and role of angiography in Urological disorder. | Annual Congress of Urological Society of India at Manipal. |
| Dr. G. R. Jankharia | The role of Radiology in diagnosis of tumor in childhood during symposium. | At Annual Congress of Radiology at Katak. |
| | Radiology of urinary tract. | Teaching session of Indian college of Radiology at Katak. |

| Doctor | Subject | Particulars where published. |
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| 16. Department of Pathology. | | |
| Dr. S. S. Avasare Dr. S. R. Prabhu | .. Von Recklinghausen's disease with a malignant meningeal cerebral and optic nerve tumour and bilateral vagal schwannomas. | Journal of the Neurological Science, 1982. |
| Dr. S. R. Prabhu | .. Role of filariasis in the Etiology of hydrocele. | Indian Journal of Surgery. |
| Dr. A. M. Phatak Dr. S. R. Prabhu | .. Case report Sarcoma Botryoides of common bile duct.. | Indian J. of Cancer. |
| 17. Department of Microbiology. | | |
| | Antibiotic Susceptibility of N. gonorrhoeae. | At Kottayam Medical College conference by Indian Association of Sexually transmitted diseases. |
| | Detection of Rota Virus in diarrhoea in children by ELISA technique. | Teaching Pathologists and Microbiologists meeting at T. N. M. College. |
| | Comparison of rapid Antibiotic sensitivity testing using tetrazolium dyes. | At VI All India Congress of Indian Association of Medical Microbiologists held at Madras. |
| | Antibiotic Sensitivity testing of yeast like Organisms. | |
| | Established of Aerobic Bacterial flora in a hospital. | At VII All India Congress of Indian Association of Medical Microbiologists held at Calcutta. |
| | Bacteriological aspects of chronic ear discharge. | At regional conference chapter IAPM held at Mahabaleshwar. |
| | Viantibodies in food handlers .. | At communicable disease conference held at Trivendrum. |
| Mrs. Williamson Mamata | | Attended Workshop on Phage typing at Delhi. |
| Miss Unnati Vasa | .. | Attended Workshop on Agar Gel Immuno diffusion tests, at Grand Medical College. Dr. (Mrs.) P. K. Murti was present as an observer for the same. |
| 18. Department of Pharmacology. | | |
| Dr. J. C. Bijlani | .. | Attended the VIII Annual conference of Pharmacologists of Maharashtra held at Sewagram, Wardha, in the Mahatma Gandhi Medical College on 7th and 8th August 1982. |
| Dr. J. C. Bijlani, Senior Co-author. | Incidence of oligospermia in patient attending sterility clinic. (A study of 4000 (cases abstracted). | At IVth Annual conference of Indian Academy of Sexology at Jabalpur (MP). |
| Dr. S. R. Amladi | .. | Attended the VIII Annual conference of Pharmacologists of Maharashtra held at Sewagram, Wardha, in the Mahatma Gandhi Medical College on 7th and 8th August 1982. |
| | Current Perspectives on Hominid Evolution. | Invited to deliver a lecture on the occasion of the death centenary of Charles Darwin at the Institute of Science on 14th December 1982. |
| | Visions of the wilderness .. | Invited to give a lecture on biological photography at the Nehru Science Centre on the occasion of wildlife week on 7th October 1982. |
| Dr. D. A. Joseph | .. Antiepileptic drug levels .. | At the Association of Physicians in New Delhi in January 1982. |
| | Modification of the Curriculum of undergraduate Pharmacology for correct prescription writing. | At the symposium held at the Maharashtra conference of Pharmacologists held at Wardha on August 1982. |
| | | Chaired the Clinical Pharmacology Session—at the Annual conference of Indian Pharmacological Society at Chandigarh in November 1982. |

| Doctor | Subject | Particulars where published |
|--|---|---|
| Dr. S. R. Amladi .. | | Member, Board of studies in Pharmacology and Faculty of medicine since 1979 till 27th July 1982. Continued as a member of the Executive Committee of the Bombay Natural History Society (since 1972) which is recognised by the Bombay University as a Postgraduate Institute for the M.Sc. and Ph. D. degrees in field Biology. |
| Dr. D. A. Joseph .. | | Elected as a member of the Board of studies in Preclinical subjects in Dentistry. Elected to the faculty of Dentistry, University of Bombay. Elected as a member of the Indian Institute of Public Administration, New Delhi. Appointed as the convenor Drug-safety panel of the Medical panel of Consumer Guidance Society of India. Selected for the XII National teachers Training Programme held at Jipmer, Pondicherry in September 1982. |
| Dr. D. A. Joseph ... | | Attended a postgraduate workshop on 'Clinical Pharmacology' conducted by the department of Pharmacology post graduate Institute, of Medical Education and Research at Chandigarh November 1982. |
| Dr. (Mrs.) S. A. Desai Dr. S. N. Rao Dr. J. C. Bijlani | Incidence of oligospermia in patient attending sterility clinic (A study 4000 cases—abstracted). | At IV Annual conference of Indian Academy of Sexology at Jabalpur (M.P.) |
| Dr. (Mrs.) S. A. Desai | | Attended VIIIth Maharashtra Pharmacologist conference at Wardha, Maharashtra in September 1982. Attended workshop on medical education arranged by AIIMS at Delhi in August 1982. |
| Dr. S. N. Rao ... Dr. S. V. Dagaonkar Dr. V. V. Joshi Dr. (Miss) M. F. Desouza. | | Attended the VIIIth Annual conference of the Pharmacologists of Maharashtra at Wardha 7th and 8th August 1982. |
| 19. Physiology. | | |
| Dr. (Smt.) V. G. Parulkar. | Studies in peripheral vascular responses and carboxyhemoglobin levels of normal and diabetic smokers and non-smokers. | Smoking and Health by Ind. J. of Ch. Dis. and All Sc. : pp. 161-168 (1982). |
| Dr. A. V. Choudhrie | Parenteral feeding | PP. 276-299 in 'Recent Advances in Surgery' series 2 1983. Attended XXVIIIth Annual conference of A.P.P.I. at Baroda during 27.12 to 29.12. |

APPENDIX X

| Serial No. | Description of activity. | Actuals 1980-81 | Budget Estimates 1981-82 | Revised Budget Estimates 1981-82 | Budget Estimates 1982-83 |
|------------|--|--------------------------------------|--------------------------|----------------------------------|--------------------------|
| | | Rs. | Rs. | Rs. | Rs. |
| 1 | General Administration and Supervision. | 64,11,171 | 77,65,054 | 82,82,278 | 76,47,464 |
| 2 | Medicine Department .. | 56,25,918 | 58,83,925 | 62,33,925 | 57,03,925 |
| 3 | Surgery Department .. | 44,29,502 | 46,15,332 | 48,65,332 | 44,25,332 |
| 4 | Obst. & Gyn. Department .. | 22,67,347 | 28,55,715 | 30,55,715 | 28,15,715 |
| 5 | Paediatric Department .. | 23,63,820 | 27,57,728 | 29,57,728 | 28,07,728 |
| 6 | Premature Baby Ward .. | Reflected in Gynaecology Department. | | | |
| 7 | Radiology Department .. | 15,17,832 | 20,52,328 | 22,52,328 | 21,92,328 |
| 8 | Pathology and Bacteriology Department. | 8,32,704 | 9,56,428 | 10,16,428 | 10,56,428 |
| 9 | Casualty .. | Shown under Medicine Department. | | | |
| 10 | Orthopaedic Department .. | 15,47,214 | 20,22,345 | 21,72,345 | 21,22,345 |
| 11 | Aural (ENT) Department .. | 11,17,338 | 18,11,615 | 17,31,615 | 17,81,615 |
| 12 | Ophthalmology Department .. | 8,60,720 | 10,38,182 | 11,38,182 | 11,78,182 |
| 13 | Skin and V. D. Department .. | 7,88,423 | 10,88,732 | 11,88,732 | 12,38,732 |
| 14 | Blood Bank .. | 2,18,832 | 3,43,570 | 3,74,570 | 4,14,570 |
| 15 | Neurology Department .. | 8,55,457 | 17-27,260 | 18,57-260 | 26,79,260 |
| 16 | Urology Department .. | .. | .. | .. | .. |
| 17 | Pharmacy Department .. | 8,16,351 | 12-22,323 | 13,22,323 | 13,62,323 |
| 18 | Audiology and Speech Therapy Department. | 72,186 | 3,03,000 | 3,03,000 | 2,82,000 |
| 19 | Psychiatry Department .. | 1,96,472 | 3-20,240 | 3,80,240 | 4,00,240 |
| 20 | Biochemistry Department .. | .. | .. | .. | .. |
| 21 | Physiotherapy Department .. | 1,35,442 | 1,74,405 | 2,45,405 | 2,64-405 |
| 22 | Occupational Therapy Department. | 1,40,830 | 1,72,540 | 2,12,540 | 2,27,540 |
| 23 | Immunization Centre. .. | .. | .. | .. | .. |
| 24 | Gastroenterology Department | 4,50,135 | 6,67,422 | 7,57,422 | 7,87,422 |
| 25 | Mobile Health Unit .. | Department not existing | | | |
| 26 | Dental Clinic .. | Department not existing. | | | |
| 27 | T.B. Observation .. | 5,93,218 | 8,02,421 | 8,72,421 | 9,40,421 |
| 28 | Neuro Surgery Department .. | 2,20,723 | 3,05,220 | 3,60,220 | 3,90,220 |
| 29 | Plastic Surgery Department .. | 1,85,652 | 2 51,850 | 3,01,850 | 3,22-850 |
| 30 | Cardiac (Medicine) Department. | 5,33,354 | 7,72,710 | 8,72,710 | 9,00,710 |
| 31 | Thoracic Surgery Department | .. | .. | .. | .. |
| 32 | Paediatric Surgery Department | 1,32,236 | 2,04,220 | 2,55,220 | 2,75,220 |
| 33 | Artificial Kidney Department | 1,94,214 | 2,65,170 | 3,25,170 | 3,50,170 |
| 34 | Diabetic Clinic .. | 1,24,725 | 2,04,120 | 2,64,120 | 2,84,120 |

APPENDIX X--Concl'd.

| Serial No. | Description of activity. | Actuals 1980-81 | Budget Estimates 1981-82 | Revised Budget Estimates 1981-82 | Budget Estimates 1982-83 |
|------------|---------------------------------|-----------------|--------------------------|----------------------------------|--------------------------|
| | | Rs. | Rs. | Rs. | Rs. |
| 35 | Genito Urinary Department | 1,90,145 | 2,05,720 | 2,60,720 | 2,80,720 |
| 36 | Nursing School | 90,235 | 98,115 | 1,08,115 | 1,18,115 |
| 37 | Anaesthesiology Department | 4,50,827 | 5,65,240 | 6,15,240 | 6,55,240 |
| 38 | Intensive Care Unit .. | 3,40,238 | 5,25,060 | 5,75,360 | 5,98,350 |
| 39 | Paediatric centre at Reay Road. | 1,02,402 | 17-25,000 | 17,25,000 | 8,64,460 |
| 40 | Kamathipura Teaching Centre | 39,003 | 13,43,000 | 13,43,000 | 8,74,720 |
| 41 | Souter Street Clinic .. | 1,071 | 2,29,000 | .. | 2,29,000 |
| | Total .. | 3,37,64,759 | 4,52,74,990 | 4,84,66,514 | 4,66,93,870 |

**Lokmanya Tilak Municipal General Hospital
and
Annapurnabai Deshmukh Hospital for Women
and
Lokmanya Tilak Municipal Medical College**

L. T. M. G. (Hosp.)—**HIGH LIGHTS :—****HOSPITAL :—****I.—EXPENDITURE :—**

| | | | | | | | |
|-----|----|--|-----|-----|-----|-----|-------------------|
| (A) | 1. | On In-Patients | ... | ... | ... | ... | Rs. 3,8980,246.67 |
| | 2. | On Out-patients | ... | ... | ... | ... | „ 73,96,956.33 |
| | 3. | Total Expenditure (Excluding New work) | ... | ... | ... | ... | „ 4,63,77,203.00 |
| | 4. | On New works | ... | ... | ... | ... | „ Nil |
| (B) | 1. | Average cost per In-patient per day | ... | ... | ... | ... | „ 102.57 |
| | 2. | Average cost per Out-patient per day | ... | ... | ... | ... | „ 30.76 |

II.—RESULTS :—**(A)—IN-PATIENTS :—**

| | | | | | | | |
|----|--|-----|-----|-----|-----|-----|--------|
| 1. | Schedule bed strength | ... | ... | ... | ... | ... | 1,048 |
| 2. | Daily average In-patients in wards (including Sarvodaya & Raoli Camp Paediatric Wards) | ... | ... | ... | ... | ... | 987 |
| 3. | Admissions including those brought over from previous year and R. C. Paed. Ward. | ... | ... | ... | ... | ... | 48,694 |
| 4. | Number of patients discharged as | | | | | | |
| | (i) Relieved | ... | ... | ... | ... | ... | 33,412 |
| | (ii) As Cured | ... | ... | ... | ... | ... | 6,015 |
| | (iii) Otherwise | ... | ... | ... | ... | ... | 4,250 |
| | (iv) Expired | ... | ... | ... | ... | ... | 3,980 |
| | (v) Remained in the Hospital on the last day of the year | ... | ... | ... | ... | ... | 1,037 |
| | (vi) Daily average number of admissions | ... | ... | ... | ... | ... | 137 |
| | (vii) Average stay of In-patients (Days) | ... | ... | ... | ... | ... | 7.97 |
| | (viii) Highest admissions on a single day | ... | ... | ... | ... | ... | 191 |

(B) OUT-PATIENTS :—

| | | | | | | | |
|----|---|-----|-----|-----|-----|-----|----------|
| 1. | New Out-patients attendance including Raoli Camp. | ... | ... | ... | ... | ... | 2,40,356 |
| 2. | Daily average number of new patients | ... | ... | ... | ... | ... | 788 |
| 3. | Highest O. P. D. attendance on a single day | ... | ... | ... | ... | ... | 1,048 |
| 4. | Number of Casualty attendance (Medico-Legal) | ... | ... | ... | ... | ... | 2,329 |

| | | | | | | | |
|-----|----|----------------------------|-----|-----|-----|-----|--------|
| (C) | 1. | Operations on In-patients | ... | ... | ... | ... | 24,111 |
| | 2. | Operations on Out-patients | ... | ... | ... | ... | 26,213 |

(D) CONFINEMENTS :—

| | | | | | | | |
|----|------------------------------|-----|-----|-----|-----|-----|-------|
| 1. | Booked Cases | ... | ... | ... | ... | ... | 2,037 |
| 2. | Emergency Cases | ... | ... | ... | ... | ... | 4,721 |
| 3. | Total number of delivery | ... | ... | ... | ... | ... | .. |
| | a) Normal | ... | ... | ... | ... | ... | 4,289 |
| | b) Abnormal | ... | ... | ... | ... | ... | 2,469 |
| 4. | Neonatal and Maternal Deaths | | | | | | |
| | (i) Maternal Deaths | ... | ... | ... | ... | ... | 32 |
| | (ii) Still Births | ... | ... | ... | ... | ... | 241 |
| | (iii) Premature Deaths | ... | ... | ... | ... | ... | 134 |
| | (iv) Neonatal Deaths | ... | ... | ... | ... | ... | 203 |

III—SPECIALISED TREATMENTS :—

| | | | | | |
|------------------------------------|-----|-----|-----|-----|-------|
| 1. Admissions in Resusciation Ward | ... | ... | ... | ... | 2,083 |
| 2. Sterilization | | | | | |
| (i) Male | ... | ... | ... | ... | 69 |
| (ii) Female | ... | ... | ... | ... | 731 |
| (iii) I. U. C. D. Inserted | ... | ... | ... | ... | 180 |

IV—RADIOLOGY :—

| | | | | | |
|-----------------|-----|-----|-----|-----|--------|
| 1. X-Rays taken | ... | ... | ... | ... | 98,753 |
|-----------------|-----|-----|-----|-----|--------|

V—BLOOD BANK :—

| | | | | | |
|------------------------------------|-----|-----|-----|-----|-------|
| 1. Blood samples collected from :— | | | | | |
| (i) Voluntary Donors | ... | ... | ... | ... | 4,436 |
| (ii) Relative Donors | ... | ... | ... | ... | 2,231 |
| (iii) Other Hospitals... | ... | ... | ... | ... | 915 |
| 2. Bottles supplied | ... | ... | ... | ... | 7,453 |

VI—SCHOOL CLINIC :—**(A) Number of School Children treated :—**

| | | | | | |
|-------------------|-----|-----|-----|-----|--------|
| 1. New Cases | ... | ... | ... | ... | 1,537 |
| 2. Repeat cases | ... | ... | ... | ... | 12,418 |
| 3. Referred cases | ... | ... | ... | ... | 71 |

(B) EXPENDITURE ON SCHOOL CLINIC**VII—PHYSIO-THERAPY**

| | | | | | |
|-------------------------------|-----|-----|-----|-----|--------|
| 1. Out-patients treated | ... | ... | ... | ... | 12,272 |
| 2. Number of treatments given | ... | ... | ... | ... | 94,054 |
| 3. In-patients treated | ... | ... | ... | ... | 12,924 |
| 4. Number of treatments given | ... | ... | ... | ... | 93,078 |

VIII—OCCUPATIONAL THERAPY

| | | | | | |
|-------------------------------|-----|-----|-----|-----|----------|
| 1. Out patients treated | ... | ... | ... | ... | 8,592 |
| 2. Number of treatments given | ... | ... | ... | ... | 21,748 |
| 3. In-patients treated | ... | ... | ... | ... | 14,217 |
| 4. Number of treatments given | ... | ... | ... | ... | 1,05,984 |

IX—MEDICO SOCIAL SERVICE DEPARTMENT :—**(A) Direct Service :**

| | | | | |
|--|-----|-----|-----|--------|
| Number of cases handled on case work level and other long term cases | ... | ... | ... | 10,448 |
|--|-----|-----|-----|--------|

(B) Medical Aid :

| | | | | |
|------------------------------------|-----|-----|-----|--------|
| Number of patients given medicines | ... | ... | ... | 36,067 |
|------------------------------------|-----|-----|-----|--------|

(C) Service to deaf School :

There were 131 children on the roll, 94 in Preprimary, 19 in III Standard in Marathi Medium 8 in sttd. II-Hindi Medium. and 10 were in II standard Marathi Medium.

1—COLLEGE :—**1. ANNUAL EXPENDITURE AND REVENUE :—**

| | | | | |
|--|-----|-----|-----|----------------|
| (A) 1. Expenditure including expenditure on hostel | ... | ... | ... | 1,02,27,600.00 |
| 2. Revenue from tuition fees, Hostel Rent & Miscellaneous Receipts | ... | ... | ... | 1,89,320.94 |
| 3. Revenue from post-graduate fees | ... | ... | ... | 62,100.00 |
| (B) Income from Hostel | ... | ... | ... | 17,070.00 |
| (C) 1. Gross Cost per student | ... | ... | ... | 18,940.00 |
| 2. Net cost per student | ... | ... | ... | 18,589.00 |

2.—STUDENTS :—

1. On roll as on 31-3-1982 **814**
2. Number of students class-wise

| | Male | Female | Total |
|---|------------|------------|------------|
| Ist M. B. B. S. | 63 | 59 | 122 |
| IIInd M. B. B. S. | 96 | 59 | 155 |
| IIIrd M. B. B. S. | 111 | 39 | 150 |
| Post-Graduates on roll as on 31-12-1982 | 193 | 81 | 274 |
| INTERNS :— | | | |
| Total No. of interns as on 31-12-1982. | 75 | 38 | 113 |
| Total | 538 | 276 | 814 |

L. T. M. MEDICAL COLLEGE

The Lokmanya Tilak Municipal General Hospital has completed 34 years of its existence rendering relief to the sick and injured in this year and the Lokmanya Tilak Municipal Medical College, Sion, has completed 17 years of imparting Medical Education to the students for under graduate studies and 5 years giving for post graduate education in Various degree diploma Courses of the University of Bombay including Super Speciality degree like D. M. and M.ch.

The College has been given affiliation by the University of Bombay upto 18th June, 1984. The Medical Council of India, has recommended this college for award of M.B.B.S. degree and post-graduate degrees.

Dr. B. R. Kakhe, Dean, is on leave since 25th August 1982 and Dr. N. A. Dabholkar, M. D. Prof. & Head of the Department of Physiology is holding the post of Dean I/c since 25th August 1982.

Dr, (Smt.) H, P. Rebello, is continuing as Asstt. Dean.

List of Heads of The Departments

| Serial No. | Name | Qualification | Designation |
|------------|----------------------------|---|--|
| 1 | Dr. B. R. Kalke | M.B.B.S., M.S., Ph.D. FRCS | Dean. on leave from 25-8-82. |
| 2 | Dr. J. K. Bhatt | M.B.B.S., M.Sc. | Prof. of Anatomy. |
| 3 | Dr. N. A. Dabholkar | M. D. | Prof. of Physiology. and Dean i/c from 25-8-82. |
| 4 | Shri F. R. Billimoria | M.Sc. (Biochem) S. Chem. MRF, Chem. London). | Prof. of Biochemistry. |
| 5 | Dr. K. P. Deodhar | M. D. | Prof. of Pathology. |
| 6 | Dr. Mrs.) L. P. Deodhar | M. D. | Prof. of Microbiology. |
| 7 | Dr. (L. P. Dhar | M.B.B.S., Ph. D, | Prof. of Pharmacology, |
| 8 | Dr. (Mrs) S. P. Cuchelkar. | M. D. | Prof. of Forensic Medicine. |
| 9 | Dr. (Mrs.) Gopa Kothari, | M.B.B.S., M.D. (Ped) M.D. (PSM). | Prof. of Preventive and Social Medicine. |
| 10 | Dr. M. V. Divekar | M. D., | Prof. of Medicine. |
| 11 | Dr. M. J. Gandji | M. D. | Hon. Prof. of Cardiology. |
| 12 | Dr. S. V. Nadkarni, | M. S. | Prof. of Surgery. |
| 13 | Dr. A. P. Chaukar: | M. S. | Prof. of Cordio-Vascular & Thorasis Surgery. |
| 14 | Dr. B. J. Damany. | M. S. | Hon. Prof. of Neuro Surgery. |
| 15 | Dr. A. D. Dias. | M. S. | Hon. Prof. of Plastic Surgery. |
| 16 | Dr. S. D. Bapat, | M. S. | Hon. Prof. of Urology. |
| 17 | Dr. (Mrs.) P. R. Vaidaya. | M. D. | Prof. of Obstretics & Gyna- cology. |
| 18 | Dr. V. B. Athavale | M. D. | Hon. Prof. of Paediatrics. |
| 19 | Dr. V. R. Mehta. | M.B.B.S., D. V. D. | Hon. Prof. of Skin & V. D. |
| 20 | Dr. (Mrs.) D. A, D souza. | M.B.B.S., D.P.M. | Hon. Prof. of Psychiatry. |
| 21 | Dr. M. D. Pandit. | M. S. | Hon. Prof. of Orthopaedics. |
| 22 | Dr. K. C. Gadre. | M. S. | Hon. Prof. of E. N. T. |
| 23 | Dr. S. M. Sache. | M. S. | Hon. Prof. of Ophthalmology. |
| 24 | Dr. S. S. Mehta. | M. D., | Prof. of Anaesthesiology. |
| 25 | Dr. B. R. Rao. | B. D. S. | Hon. Prof. Dental Surgeon. |
| 26 | Shri S. T. Bhat, | M. Sc. (O. T.) | Head Occupational Therapist. |
| 27 | Mrs. B. V. Bellare. | B. Sc. (P. T.) | Head Physio Therapist. |

Admissions :—The admission capacity of students admitted for M. B. B. S. course at this institution is 100 per year. The number of students on roll as on 31-12-1982 was 540 and that of Post-graduate students was 339. These are 3 students under Dr. Dhar doing Ph. D. in Pharmacology. D.M.L.T. Course 15 conducted at this institution with intake capacity of 10 students. We are also enrolling students for M. Sc. course in following subjects in June term every year.

- M. Sc. (Biochemistry) by papers 10 students.
- M. Sc. (Biochemistry) by Research 5 students.
- M. Sc. (Microbiology) by Research 5 students.
- M. Sc. (Animal Physiology) by Research 5 students.
- M. Sc. (Occupational Therapy) 5 students.
- M. Sc. (Physio Therapy) 5 students.

Educational Activities :—Besides regular teaching programme monthly scheduled meetings and clinical Cardiology conferences were held regularly. Scientific and educational films were shown to the staff and students. Specialised training imparted to student at other institutions in cardiology of Enterogastroscopy.

Interns :—Graduates from University other than Bombay University are allowed to undergo Internship Training at the attached L. T. M. G. Hospital to the extent of 20 per year. From June 80 term, these interns are charged Rs. 100 for 3 months of training. B. Pharm/D'Pharm students are given training of 750 hours in Pharmacy to a maximum capacity of six students at a time.

Results of undergraduate and post-graduate students, the prizes won by the students and those who stood first in the examination are shown in the appendix No. I & IA VII.

We are conducting competitive Examinations in the subject of Anatomy, Physiology, Pharmacology, P. S. M., Medicine, Surgery, Obst. and Gyn. and E. N. T. every year for the students of I, II and III M.B.B.S. students. The winners of the exams are given cash prizes and merit certificates from the interest of the donations received at the time of Silver Jubilee of the Institution which are kept in fixed Deposit. The details of prizes with names of students who have won the prizes are given in Appendix—VII.

A separate Committee of Students manages the students cultural and sports activities. To defray this expenditure fee of Rs. 50/- per annum is being collected from the students and interns which has been increased to Rs. 80 per annum from Nov. 1982 term onwards. The report of General Secretary covers the cultural activities.

Research Society : The staff and Research Society is functioning in this institution since August 66. It is registered under the Societies registration Act. and Public Trust Act. Medical Officers working in this institution including Hon. Prof. Hon., Assistant Prof. and Full time Medical Officers upto the level of tutors and Demonstrators are the members of the Society. Annual subscription for each member is Rs. 25/- per annum. Total No. of membership as on 31st Dec. 1982 is 180.

Hostel :—Boys and girls are given accommodation in two separate hostels. About 100 students are accommodated in these hostels. There are only boarding facilities in the hostel and for that amount of Rs. 70 per term is recovered from the students. which has been increased to Rs. 100 from November 1982 term.

Library :—During the year, 570 books have been added to the collection totalling to 14239 books. The library has subscribed to 295 Titles of Journals. The budget grant sanctioned for Library from L. T. M. M. College is Rs. 1,50,000.00 and that from L.T.M. G. Hospital is Rs. 2,50,000.00

Annual Cost and Revenue :—The total expenditure of college amounted to Rs. 12,53,140.00 excluding establishment cost as against Rs. 14,10,264.00 during the previous year. The net revenue of the college by way of tuition fees and miscellaneous receipts etc. amounted to Rs. 2,51,420.94 as against Rs. 2,75,180.00 for the previous year.

Charging of fees for Out-door and Indoor patients :—From April 1, 1982, the patients availing treatment at this hospital as on Out patient and Inpatient are charged fees of Rs. 2 and Rs. 5 respectively for case papers. The O.P.D. Case papers so issued is valid for 15 days. If the treatment is required to be continued further, the patient has to pay Rs. 2 which is valid for another 15 days.

Similarly patient admitted to this hospital, has to pay Rs. 5 as admission fees which is valid for 10 days. In case patient is required to be kept in the ward for more than 10 days the Dean, Asstt. Dean or Supt. on considering the advice prescribe such a stay beyond ten days the same old form will be continued beyond 10 days no additional fee is levied. In absence of such certificate from attending Doctor attending on patient, a fee of Rs. 5 per day of stay beyond 10 days is recovered.

Rs. 100 are recovered as Maternity charges from the inpatient admitted to this hospital for 4th delivery.

Cases of accident brought by police etc. or other emergency cases are admitted in the hospital forthwith for immediate attention/treatment which they deserve and without demanding any fees. Subsequently, the relatives are persuaded to pay the necessary fees for O.P.D. and Indoor Case papers.

Dharavi Urban Health Centre :—The Diagnostic centre and Paediatric Ward at Raoli-camp Maternity Hospital has been shifted to a new Building at Dharavi on 18th October 1982 and renamed as "Dharavi Urban Health Centre."

Mobile Accident Service :—A mobile Accident Service Van donated by Messrs. India Tobacco Co. Ltd., through the Bombay Pradesh Congress Committee which is equipped with a wireless set attached to the Emergency ward has attended 99 calls and 2093 patients have been admitted in the emergency ward.

In-Patients :—The Schedule bed strength of this Hospital is 1048. The distribution of beds according to the Departments is shown in Appendix III. 47,686 patients were admitted for Indoor treatment during the year as against 54,601, 51,705 and 51,090 during the preceding 3 years respectively.

Paying Patients :—Under the scheme which is effective from 1951, 1524 patients have been admitted during the year. Employees of the Corporation and their family members are allowed to avail of this facility on payment of 50 percent of the prescribed charges.

Out-Patients :—The Out-Patient Department has attended to 240356 new patients. The highest in-patients and Out-patients attendance (only new attendance) on a single day was 191 and 1048 respectively.

After-noon-Out-Patient Department :—There are 4 Out-patient departments, viz, Medical, Surgical, Orthopaedics and Paediatrics running in afternoon. During the year, 26534 patients were treated in these departments.

MEDICO LEGAL CASES :

Casualty Department :—27,724 accidental and other emergency cases were treated in this Department.

Medico-Legal Cases :—During the year, the Resident Medical Officers, attended various courts for giving evidences in 393 Medico-legal cases. 2071 injury certificates were issued to the various Police stations free of charges.

Certificates :—8735 Certificates of different types were issued to the patients during the year under report.

Minor Surgery Department :—26,213 minor operations were performed in the department during the year.

Pathology Department :—4,35,315 investigations were carried out and 1508 autopsies were performed during the year. A special Laboratory has been set up to work round the clock for the traumatic emergency service. The Department has also under taken work for.

- (1) Maa Hospital, Chembur.
- (2) Chembur Maternity Home.
- (3) Mulund Hospitals (East & West).
- (4) Bhandup Maternity, Hospital.
- (5) Chunabhatti Maternity Hospital.
- (6) Raoli Camp Hospital.

Anaesthesia Department :—During the year, 9,289 patients have received anaesthesia in various theatres and minor surgery department. 4386 patients were kept in recovery room and out of the 221 patients were required to be treated with respirators.

Medical Health Check-up Centre :—The health of a person in apparent good health is checked and all routine examinations, such as blood, Urine, Stool, Screening etc. are carried out if required. During the year under report, 172 persons have taken advantage of the same. The Medical Health Check-up Scheme is an absolutely voluntary scheme for the patients to come at their own to the check-up Centre.

X-Ray Department :—The work done in the X-Ray Department during the year is as under.

| | | | | | |
|---------------------|----|--------|--------------------------------|----|--------|
| (1) No. of patients | .. | 50,828 | (4) Carotoid Angiograms | .. | 250 |
| (2) No. of X-Rays | .. | 98,753 | (5) Special Investigations | .. | 1,541 |
| (3) No. of Ba-meal | } | 427 | (6) Other Misc. investigations | .. | 48,610 |
| Ba-swallow | | | | | |
| Ba-enema | | | | | |

Dental Department :—12,487 patients were treated for various tooth troubles.

Anti-Rabic Department :—19,895 patients were treated, both new and repeat.

Blood Bank :—The total number of Blood samples collected from relative donors was 2,231 and that from voluntary donors was 4,436. and from other hospital was 915 The total number of blood samples supplied for transfusion during the year was 7,453.

Physiotherapy and Occupational Therapy Department :—The work done in these departments during the year is shown below (out patients and In-patients).

| Serial No. | Department | No. of patients. | No. of Treatments. |
|------------|----------------------|------------------|--------------------|
| 1 | Physio Therapy | 25,696 | 1,18,132 |
| 2 | Occupational Therapy | 22,809 | 1,27,732 |

Audiology and speech Therapy Department :—During the year, 1422 patients have taken advantage of services of the department.

Head injury Follow up Clinic :—239 cases were registered during the year.

Family Welfare Centre : A Family welfare Centre is run for the benefit of patients attending the hospital. The work done is as follows :—

| | |
|--|-------|
| (1) Vasectomy Operations performed | 69 |
| (2) Sterilization Operations performed | 731 |
| (3) Loops insertion | 180 |
| (4) Patients given oral pills | 285 |
| (5) Patients given condoms | 1,198 |

School Clinic Department :—127 New and 707 Old cases from different Municipal School from the suburbs and 1410 New 11,711 old case from City and 48 New cases from different secondary schools were treated during the year. 43 Tonsils operations were performed on School Children. 406 Old primary and 85 old secondary OPD Cases were treated on Saturdays and Holidays during the year.

MEDICO SOCIAL SERVICE DEPARTMENT.

Direct Services :—

Case-work level

(A) Long Term Cases :—

| | |
|---|-------|
| (i) Orthopaedically handicapped and sensory disabled for counselling & rehabilitation. | 706 |
| (ii) Chronically ill for evaluation counselling and rehabilitation. | 2,378 |
| (iii) Cases of mental disorder and intellectual retardation for counselling and rehabilitation | |
| 1. Adults | 1,307 |
| 2. Children | 2,884 |
| (iv) Cases of unmarried mothers, adoption, medical termination of pregnancy for counselling and rehabilitation. | 185 |

(B) Short Term Cases :—

| | |
|--|-------|
| (i) Cases Discharge problems and Institutionalisation | 197 |
| (ii) Cases in need of appliances like clutches calipers hearing aids special drugs, etc. | 2,791 |

Medical Aid and Blood collection :—

| | |
|---|--------|
| (i) No. of times patients given medicines at O.P D. Level.. .. . | 36,067 |
| (ii) No. of blood camps organised | 70 |
| (iii) No. of blood bottles collected from voluntary donors | 4,446 |
| (iv) No. of blood bottles collected from relatives of the patients. | 2-231 |

GROUP WORK

The patients facing similar health conditions, are seen in a group. This creates a better awareness amongst them. They feel more reassured by sharing their fears, anxiety and problems. This group work also provides them channels to verbalise and help them to cope up with the health problems posed and grow out of it. In order to achieve the objectives, they are seen at different levels.

(a) **Therapeutic Level** :—In which the group members are same for a definite number of sessions, and emotional component is handled at deeper level. Following groups were handled for this purpose.

- (i) Alcoholics and their wives.
- (ii) Paraplegics and their wives.
- (iii) Parents of the mentally retarded.
- (iv) Parents of the deaf children.

(b) **Educational Level** :—Patients and their relatives are seen in a group to educate them on their health problems and help them to take the treatment regularly and to take necessary precautions in diet etc. Groups of (i) Relatives of Schizophrenics, (ii) T.B. Cases and their relatives, (iii) Patients admitted in King George Infirmary.

c) **Recreational Level** :— Patients admitted in Wards were entertained by the N. S. S. volunteers and volunteers from Satya Seva Mandal. They were entertained by conducting various activities, such as games, bhajans, story telling and drawing and painting.

PROJECTS FOR PATIENTS

a) Outdoor level :—

i) **High Protein Powder** :— The Medical and Psychiatric Social Work department makes high protein powder and gives it to undernourished children and adults. These cases are regularly followed up by M. S. W.

ii) **Grain Projects** :— Vishva Hindu Parishad donates 5 Kg. wheat and 5 Kg. rice per month for 50 poor and needy patients families. These cases are selected by the M. S. Ws. & on their assessment the help is given for the period of six months.

b) Indoor Level :—

i) Toy bank is being run with the help of volunteers provided by All Indian Women's Conference. Number of children admitted in the wards are availing themselves of this recreational facility.

ii) **Circulating library** :—Separate library for the children and adults is being run for the patients admitted in the ward with the help of volunteers provided by the Vishva Hindu Parishad. Magazines and books donated by well wishers are regularly given to the patients.

Community Health Work :—The Medical and Psychiatry Dept. worked with two slum communities during this year.

(i) **Sunder Kamla Nagar** :—In order to work with local people and bring about health awareness amongst them, following ongoing activities are conducted.

(ii) **Balwadi** :—The average number of attendees was of thirty-five children. The medium of instruction is Hindu and English. The children were given high protein meal. The parents were seen once a month to discuss their health concepts and family problems etc.

Annual sports were conducted of these Balwadi children.

(iii) **Tailoring Class** :—Average attendance of the young girls and women were twenty. After the tailoring class, the group members were taken twice a week for group work activities in which various topics concerning their life and development were discussed.

Various religions and National Festivals were celebrated with full gusto and enthusiasm along with the community people. The women celebrated Haldikumkum for Makar Sankranti.

The strike affected Mill Workers in the community were almost to face a black Diwali. So, with the help of Vishva Hindu Parishad, 65 such families were helped for Diwali. Each family was given 5 Kg. Wheat, 5 Kg. rice, 1 Kg. dal and 1 Kg. Jaggery.

Individual in need of help and having medical and social problems were given the necessary help on case work level.

Raoli Camp Community :—The M.S.W. Deptt. continued to function in this community around Raoli Camp Hospital, through paediatric Deptt. Following activities were organised.

(i) **T.B. Clinic** :—107 T.B. Children were followed up at the Paediatric T.B. Clinics till '82.

(ii) **Balwadi** :—On an average, 30 children attended the Balwadi daily. The Roteract Club of Bombay uptown sponsored the salary of the teacher. Parents were seen in monthly meetings. Special activities like painting competitions were held for Balwadi children.

(iii) **Tailoring Class** :—Tailoring class was held on twice a week basis. The average attendance was twenty girls from the community. These group members were given periodical health education information at group discussion and nutritious demonstration. The members were taken out for educational excursions and picnic so as to provide them an informal platform to exchange their views and health concepts.

(iv) **Study Class** :—Study class was another medium developed on request of the local people. On an average 30 students from 5th to 8th std. attended the class. This media also was used to communicate and strengthen the relationship with the people.

On 28th March 1982, day camp was organised and 54 children participated. Competitions of drawing, handicraft and claywork were kept. Children's film show was organised which was thoroughly enjoyed by the participants. The expenses were sponsored by the Rotary Club of Bombay. Healthy Baby Competition was organised on 26th January 1982. 150 children participated in it. They were divided into three groups of 0-1, 1-3, and 3-5 years of ages. Number of prizes were given to the participants and winners. The Rotary Club of Bombay South and the Rotaract Club of Bombay South sponsored the expenses of the Competition.

II—Teaching and Supervision :—

(a) Lectures were given to Medical, Nursing and Social Work Students. 8 clinics were held in the Medical Wards for the medical students. The Head of the Deptt. was called as guest teacher by both the schools of Social Work in Bombay and by the N.S.S. Unit in their orientation programme.

(b) During this year altogether 21 students of Social Work were placed for their field work experience by both Schools of Social Work. 14 students were placed under direct supervisions of the experts working with the Deptt. and 7 students of T.I.S.S. were placed with the faculty Supervisor of the Institute.

(c) 40 N.S.S. Volunteers were placed from various colleges for their Social Work experience. They were involved in various projects.

(d) Visits were paid by the students of the following training institutes of Social Work.

(a) Roena College.

(b) Jaimua College.

(c) Group of International Visitors.

(d) Tata Institute of Social Sciences—Bombay.

(e) College of Social Work—Bombay.

III Research studies—Conferences etc. :—

(a) Five Sessions were organised on scientific writing in July 1982. The guest lecturer was Dr. Miss G. Mathew, Head of the Deptt. of Medical and Psychiatric Social Work, T.I.S.S.

(b) Miss Bhagwat from Central Training Institute for deaf was invited to speak for professional development of the staff.

(c) A slide show on mental retardation by Mrs. Kotawala, President of the Association of Mental Retardation was organised for the staff M.S.Ws., student M.S.Ws. Volunteers and N.S.S. in October 1982.

(d) Mrs. Warde, Head M.S.W. was invited to convene a seminar on slums community Health in Urban by T.I.S.S. on 10th April 1982.

ON GOING PROJECTS

(1) Deaf School,

(2) Class for mentally retarded.

(i) Deaf School :—There are 13 teachers in the School and Mrs. Kotnis continues as head teacher.

There are 131 students, age range being 5 years to 20 years. The break is as follows :—

94 Students pre primary

19 IIIrd std. Marathi Medium

8 IIInd std. Hindi Medium

10 IIInd std. Marathi Medium

131 Total students.

Activities :—The routine activities of literacy education were carried out. Craft classes, carpentry classes and drawing classes were conducted by the Education Deptt. B.M.C. The home-craft classes were conducted by the part-time teachers sponsored by Lions Club of Wadala and the parents of the deaf students. Parents meetings were organised to discuss the children's problems. Educational visits e.g. workshop for the blind, orthopaedic hospital, Ranibag excursions and picnics were organized for the students.

An overnight camp of the 33 deaf students along with 15 normal students from Ghatla Municipal School was organized at R.C.F. Youth Council Hall. The objective of the programme was to provide an opportunity to integrate deaf and the normal. The project was sponsored by the Charitable Club.

Some students from T.I.S.S. and one from Nirmala Niketan were placed for their field work experience.

(2) Class for Mentally Retarded Children :—This activity started with the help of Lion Club of Sion. There are 12 children on an average in the class. One trained teacher and one teaching aid conduct this class. This class was started with the objective of training the mentally retarded children in social adjustment and counselling for the parents.

SPECIAL PROJECTS :

Sports Meet for the handicapped was organised on 12th and 13th March, 1982 b M. & P.S.M. Department. This was organised for the handicapped patients of the hospital who were treated and given counselling services for rehabilitation over the years, with following objectives.

- (a) To bring together patients with different handicaps.
- (b) To follow-up patients and re-establish conducts with old patients.
- (c) To provide healthy competitions for the patients.
- (d) As a part of silver jubilee year activities of the department.

Total 250 patients participated in the sports from (i) Orthopaedically handicapped (ii) Blind, (iii) Deaf and (iv) Mentally retarded categories.

There were 45 events for different types of handicaps and different age groups.

Chief guest for the opening day was hon. Municipal Commissioner Shri D. M. Sukthankar. There was march past by the participants and then the events started. Hon. Sheriff, Mr. Sunil Dutt was the Chief guest for Prize Distribution Ceremony on 13th March. Lions Club of Sion, Pubjab Seva Samiti, Mistory Foundation and many other well wishers contributed in cash and kind to make this sports meet a grand success. The participants took part with full gusto and enjoyed the events.

PREVENTIVE AND SOCIAL MEDICINE DEPARTMENT

I.—Training : The Department imparted training to undergraduates and Nurses as well.

II. Health Supervision of School Children : Cross road school and Transit camp school Dharavi were included under School Health Programme. Medical check up and immunization was carried out. Supplementary feeding is carried out for 2200 children at transit camp school.

III.—Vit. A Prophylaxis Programme : Oral Vit. 'A' was given in Dharavi community by making home visits as well as at clinic. It was also given at all these slum areas adopted under home scheme.

Total doses at Dharavi —1862

Total doses at Lal Donger—470.

Total doses at Vakola —146

Total doses at Ghatla Village—320

IV.—Under Five Clinic : Under Five Clinics are conducted at Matunga Labour Camp, Urban Health Centre, Dharavi, Lal Donger and Ghatla Village. Children under Five years of age are enrolled. Their growth and development is checked every month. Minor ailments of these children are treated. If necessary, they are referred to the specialist. B. C. G., Triple, Polio, Measles, Immunizations are carried out. Malnourished children are given nutritional aid. Health education on the common problems is given to mothers.

V.—Child Welfare Centres : The child welfare centres are conducted by the department of P. S. M. at the L. T. M. G. Hospital compound and at Raoli Camp. Children are enrolled from 3 months onwards and are followed upto the age of 5 years.

VI.—Medical Relief : Adult patients and children were examined and treated at Dharavi Urban Health Centres, Matunga Labour Camp, Lal Donger, Ghatla and Vakola. Those who needed specialists treatment were referred to L. T. M. G. Hospital. Tetanus toxoid and T. A. B. C. were given to adult population. Children were protected by giving D. T., Polio, Measles, T. A. B.

VII.—Urban Public Health Internship Programme : Comprehensive health care to urban slum communities is carried out under this programme.

VIII.—Home Projects : 3 communities namely Lal Donger, Ghatla and Vakola were selected for this programme. Apart from routine medical relief, immunisation programme, Vit. A prophylaxis programme were conducted.

IX.—Social Services :

1. Community Visits at Dharavi Slums :

| | | |
|---|----|------------|
| (1) Matunga Labour Camp Dharavi | .. | 150 visits |
| (2) A. K. G. Nagar Dharavi | .. | 100 visits |
| (3) Transit Camp Dharavi | .. | 250 visits |
| (4) Kunchikorve Nagar Dharavi | .. | 200 visits |
| (5) Muslim Nagar Dharavi | .. | 150 visits |
| (6) Collective contacts for communities | .. | 40 Nos. |
| (7) Health talks | .. | 50 Nos. |

2. Community Visits For Home Programme :

| | | |
|---------------------------------------|----|-----------|
| (1) Ghatla Village | .. | 15 visits |
| (2) Lal Donger community | .. | 15 visits |
| (3) Vakola centre | .. | 25 visits |
| (4) Collective Contacts for community | .. | 10 Nos. |
| (5) Health talks | .. | 20 Nos. |

(1) AIDS PROVIDED FOR THE DHARAVI SLUMS DWELLERS

A. Nutritional Aid to children :

(i) C. R. S. : Nutritional Aid with the help of Catholic Relief services is given to the slum dwellers from Dharavi Community. No of Beneficiaries 100 children.

(ii) N.R.C. : Nutrition rehabilitation centre is established at Urban Health Centre, Dharav About 40 malnourished children are entolled. They are fed on nutritions type of diet including mlk twice a day.

(iii) Distribution of biscuits is carried out regularly in the three Balwadies.

(B) Distribution of pairs of spectacles to 250 needy patients.

(c) Economic aid in terms of Cash—15 beneficiaries.

(d) Clothes and toys were distributed to 75 benefioiaries.

(e) School fees and notebookr—20 children were sponsored .

(f) Employment—7 persons were provided with employment.

(g) Referrals, case work and follow up in Hospital—300 cases.

(h) Family Planning

(i) 40 referrals for sterilisation.

(j) Additional incentives with the help to Giants was given to 25 women who underwent tubectomy.

Other Activities :

(1) Literacy Classes : Literacy classes are continued twice a week with the help of voluntary workers, About 25 women ano adolescents are enrolled and taught regu arly.

(2) Sewing Classes : Sewing classes are continued twice a week at Urban Health Centre. A teacher is appointed. There are 3 sewing machines donated by various agencies 25-30 women are under training.

(3) Healthy Women Show : About 35 women were subjected to a complete medical check up and screening for Cancer by pap-smear. Three of them were selected for prize distribution according to their merit.

(4) Income Generating Schemes :

(a) Soap making demonstrations were arranged at Urban Health Centre, Dharavi and Matunga Labour Camp.

(b) Candle making demonstrations are carried out in the Urban Health Centre Dharavi—5 women under-went the training and were employed at the rate of 10 Rs. per day for about 6 weeks.

(5) Balwadies : Two balwadies at Konchikorve Nagar and One at Valmiki Nagar are continued. About 30 children are enrolled in each Balwadi.

(6) 33 Mahila Mandal have been organised in Dharavi area.

7 Youth groups have been organised in Dharavi area.

(7) 55 T. B. patients have been referred to the clinic and are being followed up regarding treatment. This programme has been strated from August 1982.

8) A dumping ground has been transformed into a recreational ground by the P. S. M. Dept. This was done by asking philanthropic, organistaions to donate a swing, a slide and Sec Saw.

9) Health Education is given in all the communities regularly in the form of exhibitions films, slide shows etc.

SPECIAL ACTIVITIES :

I. World Health Day Celebration :

(a) W. H. O. Day was celebrated on 7th April 1982. An exhibition of posters on old age problems was held in the outdoor of the L. T. M. G. Hospital and at Urban Health Centre Dharavi.

(a) Detection of Cancer of Cervix was carried out by pap smear with the help of the Gynecologist.

(b) Detection of diabetes by carrying out blood sugar was also arranged.

(c) Detection of hypertension was carried out by checking the bood pressure with the help of interns.

About 200 patients were screened for Diabetes. Health talks were given by the medical students, Interns etc. The exhibition was attended by about 1500 individuals.

(b) A symposium on 'Add life to years' was organised by the department of P. S. M. The staff members from the following disciplines, participated in the symposium.

| | | |
|-----------------|----|-----------------------------|
| Medicine | .. | Dr. Divekar, Dr. Nanivdekar |
| Surgery | .. | Dr. Dalal, Dr. Ashok Mehta |
| Orthopaedic | .. | Dr. Kulkarni |
| Plastic Surgery | .. | Dr. Thatte |
| M. S. W. | .. | Mrs. H. Shah |
| Psychiatry | .. | Dr. D'souza |

(c) A panel discussion on Geriatrics was organised by the Department on Bombay Doordarshan on 7th April.

(b) A Talk on Geriatric problems was also held on All India Radio under science section.

i. **A LEPROSY CLINIC** : This is conducted at Urban Health Centre, Dharavi once a week on every Tuesday with the help of Bombay Leprosy project. About 42 cases of Leprosy are under treatment.

ii. **T. B. Clinic** : Conducted at Urban Health Centre, Dharavi. The suspected cases of T. B. are referred to Dadar Hospital for further investigations and treatment.

iii. **DENTAL CLINIC** : A dental clinic is organised by the department with the help of the Nair Dental College and hospital. Twice a week a mobile dental van is arranged, well equipped and with trained staff.

iv) **Eys Camp** : one eye camp was carried out at U. H. C. Dharavi. About 300 patients were screened for various eye ailments and about 155 spectacles were distributed free of cost with the help of Goants from Matunga areas.

e. **Special Training Schemes** : Community health workers scheme, is continued and regular training to the new batch of women and refresher training course is arranged for the group which is already trained.

f. Health Education/Activities :

i) Routine health talks on health promotional aspects is given in the Dharavi and other community Under five clinics.

ii) Health exhibition is regularly held at Dharavi, Urban Health Centre. The posters on various aspects of health are displayed.

iii) Health education films are shown to the slum dwellers regularly.

iv) 10 Nutrition demonstrations are arranged at U. H. C. for slum dwellers.

Academic/Achievements :

1) Preparation of audiovisual slide show on importance of Under Five Clinic (Growth and Development clinic) by Dr. Gopa Kotari.

2) Xerophthalmia project is continued in Dharavi slum, with the help of Royal Commonwealth Society for blind (RCSB) Routine Vit. A administration and deworming is continued in the Dharavi slum apart from routine check up and treatments.

A nutritional rehabilitation centre (day care centre) is continued at Dharavi, Urban Health Centre for the benefit of malnourished children from Dharavi slum. Feeding nutritional food stuff daily twice a day is carried out. Health talks are given daily in the centre only.

Flying Maternity Squad : The flying Maternity Squad donated by the Indian Red Cross Society, Bombay Branch, is rendering services to female patients round the clock. Whenever maternity cases need immediate special attention such as supply of Oxygen. Blood transfusion or Hospitalization on telephone call, the Flying Maternity Squad reaches there within a minimum time and provides the necessary assistance. During the year, the squad attended 10 such calls.

Dispensary : The work carried out in the Dispensary is as follows. —

| | | |
|-----------------------|---|----------|
| Out patients | } | 3,83,689 |
| In patients | | |
| Special Prescriptions | | |
| M. S. W. | | |
| School Clinic | | |

Department of Pharmacy :

The Pharmacy department undertook preparation of steril non-sterile; experimenting new preparation as and when suggested by the Depts; testing of Pharmaceuticals and surgical dressings; teaching to medical and nursing students and training to diploma pharmacy students which are detailed below.

Sterile Preparations : Different types of I. V. fluids in bottles and various sizes of vials were manufactured as per requirement of the hospital which numbered about Fifty Eight Thousand. About 400 nos. transfusion sets per day were processed, sterilized and supplied in S. S. dressing drums to the entire hospital apart from the central sterile steel supply, the sterilization work for all wards, O. P. D., Theatres etc. was undertaken ranging between 175-00 drums per day.

Non Sterile Preparation : Homodialysis fluid for A. K. D. enema soap and various concentration of cetavalon (antiseptic and disinfectant solution) and Penicillin Test Dose were regularly supplied as per requirement.

Testing and checking of all Pharmaceuticals and their expiry; surgical dressing particularly their Physical properties were regularly maintained.

No. of new preparations, apart from previous years were also experimented and prepared like Calcium chloride and St. Thomas Hospital, Cardioplegia Solution for C. V. T. C. department.

As per direction of Medical Council of India, first M. B. B. S. students were taught and demonstrated preliminary pharmacy

The students nurses were demonstrated the working of Central sterile service department.

The students of diploma in Pharmacy were given 750 hours training as per rules of the Pharmacy Council of India, taking only six students at a time as per their recognition.

The sterilizers which were out lived their life have been replaced.

Nurses Training School :—During the year, 50 students nurses were admitted for training in General Nursing and 56 students in Midwifery Nursing. 89 students in General Nursing and 56 students nurses in Midwifery were sent for examinations, out of whom 61 in General Nursing and 48 in Midwifery Nursing have passed.

Poor Box Charity Fund : The amount in the poor Box Charity Fund as on 31st March 1981 stood at Rs. 3,66,201.20 collection from the Boxes, donations and other miscellaneous receipts during the year amounted to Rs. 3,69,354.96 and expenditure through the Poor Box Charity Fund was Rs. 1,74,009.36. The total amount in the Fund as on 31st March 1983 stood at Rs. 5,61,456.80.

Special facilities for Municipal Employees :—Separate counters have been kept reserved at the Registration Department, Dispensary and Afternoon O.P.D. for the Municipal staff. Fifty percent concession is granted in paying Bed Scheme.

The sale of drugs and Medicines for the benefit of patients have been started at this hospital through L.T.M. Medical College and Hospital consumers Co-operative Society from the year 1976.

Dr. J. V. BHAT,
Dean,
L. T. M. G. Hospital, Bombay.

Appendix No. I

Result of the examinations for the year 1982

| Period | Examination | Appeared | Passed | % of passing | Name of the student | Total Marks. |
|------------|-----------------|-----------|--------|--------------|---------------------------------|--------------|
| April 82 | I M. B. B. S. | 22 (2ADC) | 15 | 68.20% | Shri Naidu Biswajet Subbarajulu | 521/570 |
| | II M. B. B. S. | 66 (1ADC) | 60 | 90.9% | Shri Amladi Tanmay R. | 593/800 |
| | III M. B. B. S. | 69 (2ADC) | 55 | 79.7% | Shri Bhambri Pravin Hariram | 624/1000 |
| October 82 | I M. B. B. S. | 98 (2ADC) | 76 | 77.5% | Shri P. Vaidyanathan V. | 558/750 |
| | II M. B. B. S. | 16 | 11 | 68.7% | Shri Samant Prakash D. | 517/800 |
| | III M. B. B. S. | 88 (1ADC) | 59 | 67.04% | Smt. Lalmalani Ashzdevi G. | 709/1000 |

Appendix No. IA

Results of Post Graduate Examination for the year 1982-83.

| Examination | April 1982 | | | October 1982 | | |
|-----------------------------|------------|--------|--------------|--------------|--------|--------------|
| | Appeared | Passed | % of Passing | Appeared | Passed | % of passing |
| M. D. (Medicine) | 11 | 1 | 9% | 17 | 6 | 35% |
| M. D. (Gynaec. Obst.) | 2 | .. | .. | 6 | 2 | 33% |
| M. D. (Paediatrics) | 4 | 2 | 50% | 6 | 5 | 83% |
| M. D. (Skin p V. D.) | 2 | .. | .. | 2 | 2 | 100% |
| M. D. (Anaesthesiology) | 3 | 3 | 100% | 2 | 2 | 100% |
| M. D. (Radiology) | 1 | 1 | 100% | .. | .. | .. |
| M. D. (P. S. M.) | 1 | .. | .. | 1 | 1 | 100% |
| M. D. (Psychiatry) | 2 | 1 | 50% | 3 | 2 | 66% |
| M. D. (Cardiology) | 1 | 1 | 100% | 1 | 1 | 100% |
| M. D. (Pathology) | 3 | 3 | 100% | 1 | 1 | 100% |
| M. D. (Microbiology) | 1 | 1 | 100% | 1 | .. | .. |
| M. S. (Gen. Surgery) | 9 | 6 | 66.66% | 10 | 4 | 40% |
| M. S. (Orthopaedics) | 3 | 1 | 33.34% | 5 | 2 | 40% |
| M. S. (Otorhinology) | 2 | .. | .. | 3 | 2 | 66% |
| M. S. (Ophthalmology) | 1 | 1 | 100% | 2 | 2 | 100% |
| M. S. (Urology) | 2 | 2 | 100% | 1 | 1 | 100% |
| D. A. | 8 | 8 | 100% | 2 | 2 | 100% |
| D. P. M. (Part I & II) | 2 | 1 | 50% | 1 | 1 | 100% |
| D. V. D. | 2 | 1 | 50% | .. | .. | .. |
| D. M. R. D. Part I | 3 | 3 | 100% | 2 | .. | .. |
| D. M. R. D. Part II | 3 | 2 | 66.66% | 3 | .. | .. |
| D. P. H. Part I | 1 | 1 | 100% | .. | .. | .. |
| D. P. H. Part II | 2 | 2 | 100% | .. | .. | .. |
| M. Sc. Biochemistry Part I | 10 | 8 | 80% | 2 | 2 | 100% |
| M. Sc. Biochemistry Part II | 10 | 10 | 100% | .. | .. | .. |
| M. Sc. Occupational Therapy | 3 | 2 | 66% | .. | .. | .. |
| D. M. L. T. | 13 | 6 | 46% | 3 | 3 | 100% |
| M. D. Physiology | .. | .. | .. | 1 | 1 | 100% |
| D. V. D. | .. | .. | .. | 3 | 2 | 66% |

APPENDIX II

Papers read and Published

- | | | | | |
|---------------------------|----|---|-------|--|
| Department Medicine. | of | Dr. M. V. Divekar and | (i) | "Hartnup Disease" read at A.P.I. Conference on January 1982. |
| | | Dr. A. G. Gore | (ii) | "Hyperlipidemia in Coronary diseases" read at A.P.I. conference on January 1982 |
| | | Dr. S. A. Nanivadekar | (iii) | "The Clinical Profiles of Endoscopically proved Chr. D.U. in India" read at the Gastroenterology conference at Srinagar, October 1982. |
| Department Cardiology. | of | Dr. S. R. Shetty Dr. M. Viswanathan Dr. R. G. Lotlikar Dr. K. L. Ramchandani Dr. U. L. Marar Dr. N. P. Shah Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (i) | "Axial view angiographic study of Atrial Septal Defect" Presented at International Conference on update in Cardiology. |
| | | Dr. K. L. Ramchandani Dr. M. Vishwanathan Dr. R. G. Lotlikar Dr. U. K. Marar Dr. B. P. Shah Dr. S. R. Shetty Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (ii) | "Non-Invasive detection of patent ductus arteriosus by range gated pulsed doppler Echocardiography" presented at International Conference on update in Cardiology. |
| | | Dr. M. Vishwanathan Dr. R. G. Lotlikar Dr. K. L. Ramchandani Dr. U. K. Marar Dr. B. P. Shah Dr. S. R. Shetty Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (iii) | "Ebstein's Anomaly :-2-D Echocardiographic study" presented at International Conference on update in Cardiology. |
| | | Dr. R. G. Lotlikar Dr. M. Viswanathan Dr. K. L. Ramchandani Dr. U. K. Marar Dr. B. P. Shah Dr. S. R. Shetty Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (iv) | "Infective Endocarditis :-2-D Echocardiographic Study" presented at International Conference on update in Cardiology. |
| | | Dr. B. P. Shah Dr. K. L. Ramchandani Dr. R. G. Lotlikar Dr. U. K. Marar Dr. M. Vishwanathan Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (v) | "Significance of ST Depression in V ₁ -V ₃ in Acute Inferior Wall Infarction" presented at International Congress on Tropical Cardiology. |
| | | Dr. D. B. Pahlajani Dr. M. Vishwanathan Dr. R. G. Lotlikar Dr. K. L. Ramchandani Dr. B. P. Shah Dr. U. K. Marar Dr. A. B. Mehta Dr. M. J. Gandhi | (vi) | "Apical Cardiomyopathy : Clinical Echocardiographic, Haemodynamic and Angiocardiographic Assessment" presented at International Congress on Tropical Cardiology. |
| | | Dr. R. G. Lotlikar Dr. M. Vishwanathan Dr. K. L. Ramchandani Dr. B. P. Shah Dr. U. K. Marar Dr. D. B. Pahlajani Dr. A. B. Mehta Dr. M. J. Gandhi | (vii) | "Effect of Sublingual Nitroglycerin (NTG) Administration on Left Ventricular Wall motion Abnormalities in Early Myocardial Infarction (MI) period" presented at International Congress on Tropical Cardiology. |

- Dr. K. L. Ramchandani
Dr. R. G. Lotliker
Dr. M. Vishwanathan
Dr. B. P. Shah
Dr. U. K. Marar
Dr. D. B. Pahalajani
Dr. A. B. Mehta
Dr. M. J. Gandhi
- (viii) "Regional Wall Motion Abnormalities in Acute Myocardial Infarction -2- Dimensional Echocardiographic Study" presented at International Congress on Tropical Cardiology.
- Department of Cardiology. of Dr. Rohit Mody
Dr. M. J. Gandhi
Dr. A. B. Mehta
Dr. D. B. Pahlamani
Dr. M. S. Hiremath
Dr. M. Vishwanathan
- (ix) "Coronary Arteriography following Myocardial Infarction" presented at World Congress on Coronary heart disease.
- Dr. K. L. Ramchandani
Dr. M. J. Gandhi
Dr. D. B. Pahlajani
Dr. A. B. Mehta
Dr. M. Vishwanathan
Dr. R. V. Mody
Dr. M. S. Hiremath
Dr. Y. J. Mehta
Dr. M. J. Gandhi
Dr. D. B. Pahalajani
Dr. A. B. Mehta
Dr. M. S. Hiremath
Dr. R. V. Mody
Dr. M. Viswanathan
- (x) "Coronary Angiography Pattern in Left Ventricular Aneurysm" presented at World Congress on Coronary Heart Disease.
- (xi) "Sinus Node Dysfunction in Acute Myocardial Infarction" presented at World Congress on Coronary heart disease.
- Dr. M. Viswanathan
Dr. M. J. Gandhi
Dr. D. B. Pahlajani
Dr. A. B. Mehta
Dr. R. V. Mody
Dr. R. G. Lotlikar
Dr. K. L. Ramchandani
- (xii) "Stress Test and Coronary Angiography" presented at World Congress on coronary heart disease.
- Dr. R. G. Lotliker
Dr. M. J. Gandhi
Dr. A. B. Mehta
Dr. D. B. Pahlajani
Dr. R. V. Mody
Dr. M. S. Hiremath
- (xiii) "Myocardial Infarction with Normal Coronary Arteriogram" presented at World Congress on Coronary heart disease.
- Department of Surgery. of Dr. K. K. Mehta
- (i) "High small bowel obstruction" presented at 42nd Annual Conference of A.S.I. Bombay December 1982.
- Department of Neurosurgery. of Dr. B. J. Damany
- (i) "Micro Neurosurgical Vascular decompression of Trigeminal nerve" presented at All India Surgeons Conference, held at K.E.M. Hospital, Bombay.
- Dr. B. J. Damany
- (ii) "Advances in Paediatrics Surgery" presented at All India Surgeons Conference, held at K.E.M. Hospital, Bombay.
- Department of Paediatrics. of Dr. M. N. Mehta
Dr. P. N. Mahadik
- (i) "Efficacy of Oral Dehydration Therapy in Infants below 3 months" presented at Annual Meeting of the Nutrition Society of India at Pune, January 8-9, 1982.
- Dr. Hamir Ganla
Dr. M. N. Mehta
- (ii) "Nutritional Surveillance, Advice and Follow up of under 6 children in an Urban Oriented Slum Based Clinic" presented at Annual Meeting of the Nutrition Society of India at Pune January 8-9-1982.
- Dr. M.N. Mehta
Dr. S.V. Prabhu
Dr. H. N. Mistry
- (iii) "Types of Physical Health Problems of Working Children" presented at National Seminar Bombay from April 20-22, 1982 and published in the Report of Proceedings by Tata Institute of Social Sciences Bombay 1982.
- Dr. M.N Mehta
- (iv) "Nutrition Communication and Delivery" presented at Sir Vithaldas Thackersey College of Home Science and Food and Nutrition Board Govt. of India.

- Dr. M. N. Mehta (v) "Child Labour in Bombay" presented at IVth International Congress of Child abuse and Neglect Paris-Sept. 7-10, 1982.
- Dr. M. N. Mehta (vi) "Child Abuse and Neglect without Intention, An Experience in a Bombay Slum" presented at IVth International Congress of Child Abuse and Neglect Paris Sept; 7-10-1982.
- Dr. M. N. Mehta
Dr. S. V. Prabhu
Dr. H. N. Mistry (vii) "Nutritional Status of Working Children in Bombay Slums" presented at XVth Annual Meeting of the Nutrition Society of India at Hyderabad Nov. 6-7-1982.
- Dr. M. R. Lokeshwar
Dr. M. N. Mehta
Dr. L. Ramaswamy
Dr. V. B. Athavale (viii) "Disseminated Intravascular Coagulation in Children" published in Paediatric Clinics of India, July 1982.
- Dr. M. R. Lokeshwar
Dr. Bharati Sheth
Dr. N. Munshi
Dr. F. P. Billimoria
Dr. M. N. Mehta (ix) "Hyperbilirubinemia in First Week of life" published in Paediatric Clinics of India, July 1982.
- Dr. M. R. Lokeshwar
Dr. M. B. Agarwal
Dr. N. Munshi
Dr. M. N. Mehta
Dr. V. B. Athavale (x) "Autoimmune Hemolytic Anaemia with Negative Indirect Coomb's Test" published in Paediatric Clinics of India, July 1982.
- Dr. C. P. Shroff
Dr. P. M. Chaphekar
Dr. M. N. Mehta
Dr. A. C. Chatterji
Dr. K. P. Deodhar (xi) "Di Guglielmo's Syndrome" published in India Paediatrics, Vol. 19, No. 12 1982.
- Dr. M. N. Mehta (xii) "Physical Abuse of Abandoned children in India" published in International Journal of Child Abuse and Neglect Vol. 6, 1982.
- Dr. S. V. Prabhu (xiii) "Physical Health Problems in working Children" presented at W. H. O. Seminar at TISS April 82.
- Dr. S. V. Prabhu (xiv) "Nutritional Status of working children read at Annual Conference of Nutrition Society of India Hyderabad Nov. 1982.
- Dr. Kandoth (xv) "Autoimmune haemolytic anaemia" published in Paediatric Clinic of India 46 July 1982.
- Do. (xvi) "Disseminated intravascular coagulation in children" published in Paediatric clinic of India 33 July 1982.
- Do. (xvii) "Hyperbilirubinaemia in new born" published in Paediatric Clinic of India July 1982.
- Do. (xviii) "Acquired bleeding disorders presented at Annual Conference of Bombay Group of Haematologist.
- Dr. V. B. Athavale
Dr. M. R. Lokeshwar
Dr. M. N. Mehta
Dr. L. Ramaswamy (xix) "Disseminated Intravascular coagulation in Children" published in Paediatric Clinics of India July 1982.
- Department of
Gyn. & Obst. Dr. V. R. Badhwar
Dr. G. S. Rao
Dr. P. R. Vaidya (i) "Surgical Emergencies in Obstet" published in Journal of Obst. & Gyn. of India XXXII No. 4, 5 17 August 1982.
- Dr. V. R. Badhwar
Dr. S. J. Randive (ii) "Conception following amputation of cervix" published in Journal of Obst. & Gynec. iVol. 32 659 1982.

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|---|--|
| Dr. P. R. Vaidya Dr. (Mrs.) C. P. Shroff Dr. V. D. Patkar | (iii) " Pathological changes in Eclampsial " published in journal of Obst. & Gyn. of India Vol. 32, No. 4, 525 1982, Aug. |
| Dr. P. R. Vaidya Dr. V. S. Patel | (iv) " Social obstetrics of Medical Termination of Pregnancy " presented at the First National conference of the Indian Academy of Juvenile and Adolescent Gynaec and Obstet, 26th December 82 Bombay. |
| Dr. N. S. Munshi Dr. B. N. Munshi Dr. A. R. Fernandes Dr. V. D. Patkar Dr. P. R. Vaidya | (v) " Developmental Assessment of babies" born by LSCS (2 yrs. follow up) presented at 26th All India Congress of Obstet. & Gyn. Poon. |
| Department of Dermatology | |
| Dr. V. R. Mehta | (i) " Keratoacanthoma of the leg with compound fracture of the tibia and fibula " presented at 16th International congress held at Tokyo in May 82. |
| Do. | (ii) " Cell identification in Dermatopathology Histopathology of Syphilis & LGV, Psoriasiform reactions, Skin tumors " presented at XI Annual Conference of IADV & L at Mangalore January 1983. |
| Do. | (iii) " Pathology of Common foot disorders " Presented at Teaching Pathologists Conference-Sion Hospital. |
| Do. | (iv) " Profile of a female S. T. D. patients presented at I Asian Congress on S. T. D. Bombay. |
| Dr. R. G. Valia Dr. (Mrs.) Dadkar Dr. N. Prasan Ramu | (v) " A case of reaction on Dapsone" presented at Monthly meeting of IADV & L at L. T. M. G. Hospital |
| Dr. V. R. Mehta Dr. Miskezn Dr. D. J. Thakkar | (vi) " A case of black grain mycetoma " presented at Monthly meeting of IADV & L at L. T. M. G. Hospital. |
| Dr. V. R. Mehta | (vii) (i) Porokeratosis of Mibelli, (ii) Dapsone in Pemphigus foliaceus (iii) P.L. " Presented at monthly, meeting of IADV & L at L. T. M. G. Hospital. |
| Do. | (viii) "Tropical diseases of the foot" Presented at Dermatology Symposium at Seoul-Korea. |
| Do. | (ix) " Kertoacanthoma of the leg with compound fracture of tibia & fibula |
| Do. | (x) " Tropical diseases of the Foot ". |
| Do. | (xi) " Phycomycosis of the arm. " |
| Do. | (xii) " Chronic Pelvic diseasz. " |
| Do. | (xiii) " Reiters disease. " |
| Do. | (xiv) " Cytotoxic drugs & their status in the modern therapy. " |
| Do. | (xv) " The foot-an exotic site of Dermatologic romance. " |
| Do. | (xvi) " Cell identification. " |
| Do. | (xvii) " Histopathology of Syphilis & LGV. " |
| Do. | (xviii) " Psoriasiform reactions. " |
| Do. | (xiv) " Skin tumors. " |
| Do. | (xx) " Pathology of common foot disorders. " |

- Dr. R. G. Valia (xxi) "Corticosteroids in Dermatology. Case of reaction to Patients."
- Dr. R. G. Valia
Dr. (Mrs.) Dadkar
Dr. N. P. Ramu (xxii) "Case of reaction to Dapsone."
- Dr. V. R. Mehta
Dr. Miskeen
Dr. J. Thakkar (xxiii) "A case of black grain mycetoma."
- Dr. V. R. Mehta
Dr. R. Potdar (xiv) "A case of Pemphigus foliaceus."
- Department of Ophthalmology** Dr. S. M. Sathe (i) "Study of 30 cases of guarded tenotomy in concomitant squant," presented at All-India Ophthalmology Society Conference, Poona, December 1982.
- (ii) "Study of 100 cases of Intra-ocular lens (Indian) over a period of 6 years" Presented at All India Ophthalmology Society Conference Poona, December 1982,
- (iii) "Modification of Trabeculectomy operation" presented at All India Ophthalmology Society Conference, Poona, December 1982.
- (iv) "New instrument for encirclage operation in Retrial Detachment presented at All India Ophthalmology Society Conference 1982 Poona December 1982.
- Department of Anatomy** Dr. Krishan M. (i) "Normal and variant cystic arteries" presented at Liver Group of India March 82.
- Dr. Krishna
Dr. A. V. Bhardwaj (ii) "Extra hepatic biliary anatomy" presented at A. S. I. conference of December 82.
- Dr. M. J. Dhakan (iii) "Anatomy of the Female bladder-neck and urethra" presented at Urological conference of India 1982.
- Do. (iv) "Ligamentous support of female Urethra" presented at All India Association of Surgeons December 82.
- Department of Microbiology** Dr. K. Krishna
Dr. Lina Deodhar
Dr. H. I. Jhala i) "Study of anareobes in dental infections & their GLC PATTERNS" published in Ind. J. Path., and Microb. 25 : 99 (1982).
- Dr. P. K. Mohanty
Dr. V. A. Ambekar
Dr. P. L. Deodhar
Dr. R. Ranade
Dr. V. R. Mehta (ii) "Nocardia Brasiliensis Mycetoma" published in journal of Post. grad. Med. (1982) 28 : 179.
- Dr. V. A. Ambekar
Dr. C. P. Shroff
Dr. L. P. Deodhar
Dr. iS. Gaikwad (iii) "Endometrial Actinomycosis" published in journal of Obstet. & Gynaecology of India (in press).
- Dr. M. Kudav
Dr. K. Krishan
Dr. Lina Deodhar
Dr. H. I. Jhala (iv) "GLC patterns in infections with B. melaninogenicus" accepted for publication in Ind. J. Med. Res. (in press).
- Dr. Alka Gogate
Dr. Lina Deodhar
Dr. M. N. Mehta (v) "Neonatal Salmonella Meningitis" A report of 3 cases. published in Journal of In. Assoc. for Common diseases (1982) 5 : 40-43.

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|--|-------------------|---|
| Department of Preventive & Social Medicine | Dr. Gopa Kothari | (i) " Family Planning & human sexuality " presented at Nanavati hospital Medical Research Centre workshop on fertility & regulation. |
| | Do. | (ii) " Training of community health workers in an Urban field practice area (An experience) presented at 12th Annual Conference of Indian Association of P. S. M. Vellore. |
| Department of Physiology | Dr. R. K. Moorthy | (i) " Investigations of Sarcolemmal A.T-Pase activities in rab its with myo. carditis produced by Scorpion Venom (Buthus Tamulus) " published in Japanese Heart Journal Sept. 82. |
| Department of Pharmacology | Dr. H. L. Dhar | (i) " Corelation of mediator released from different tissues during anaphylactic reaction abstract " Presented at International Conference Allergy and Immunology October 82. |
| | Dr. H. L. Dhar | (ii) " Advantage of dihydralazine supplementation in clonidine hydrochlorithiazide resistant hypertension—Clinical studies " presented at Regional meeting of Pharmacologists Bangkok May 82. |
| | Dr. H. L. Dhar | (iii) " Effect of some medicinal agents on stress induced metabolic changes in rat s " presented at XV Annual Conference of I. P. S. Chandigarh Nov. 82. |
| | Dr. H. L. Dhar | (iv) " Peripheral blockade of ithe responce to epinephrine by Blue Tetraxolim (BT) an alpha adrenergic blocking agent " presented at XV Annual Conference of I. P. S. Chandigarh November 1982. |

RESEARCH

- | | | |
|-----------------------------|--------------------|---|
| Department of Physiology. | of Dr. V. D. Joshi | Effect of glucose load on fibrinolytic activity, clotting time, free fatty acid, cholesterol in diabetic and non-diabetic patients. |
| Department of Microbiology. | of Dr. A. K. Gupta | " Antibiotic sensitivity pattern of isolates of Noisseria Gonorrhoeae." |
| | Dr. V. Limaye | Study of Mycobacteria with special reference to an tibiotic sensitivity and GLC patterns. |
| | Dr. Deepak Yardi | Study of pathogenic organisms isolated from septicaemic patients with special reference to Neonatal age group. |

Conferences Attended, Honours Conferred and Awards Received

- | | | |
|-----------------------------|---|--|
| Department of Physiology. | of Mr. K. Krishnan Dr. P. K. Mohanty | Attended the IV Regional Chapter of IAPM at Mahabaleshwar on September 1982. |
| Department of Medicine. | of Dr. M. V. Divekar | Elected associate editor of JI. of Diabetic Association of India and Hon. Secretary of Diab. Association of India. |
| | Dr. S. A. Nanivadekar | A seminar on Gastrointestinal Endoscopy, was invited by the B. R. Singh Hospital Sealdah, Calcutta to participate, in December 1982. |
| Department of Paediatric. | of Dr. A. Fernandzz | Attended National Forum in December 1982 at Madras. |
| Department of Neurosurgery. | of Dr. B. J. Damany | Invite as a Chairman in " All India Surgeons Conference " held at K.E.M. Hospital, Bombay. |
| Department of Dermatology. | of Dr. V. R. Mehta Dr. R. G. Valia | Annual conference of IADVL at Hyderabad in January 1982. |

| | |
|--|---|
| <p>Dr. V. R. Mehta</p> <p>Department of Dermatology.</p> <p>Dr. R. G. Valia</p> <p>Dr. R. G. Valia</p> | <p>16th International Congress of Dermatology at Tokyo in March 1982.</p> <p>Dermato pathology Symposium at Seoul in Korea.</p> <p>Teaching Pathologists Conference Sion Hospital.</p> <p>Workshop in Dermatohistopathology at Jaslok Hospital.</p> <p>Session on Photodermatosis at Pune.</p> <p>Symposium on contact Dermatitis held at Palm Grove Hotel, December 1982.</p> <p>Contact dermatitis group Bombay Ist Asian Congress on S.T.D. Bombay</p> |
| <p>Department of Plastic Surgery.</p> <p>Dr. R. L. Thatte</p> | <p>Awarded the prestigious "Hair Om" award by the Association of Surgeons of India.</p> |

APPENDIX No. III
STATEMENT SHOWING SCHEDULE BEDS ACCORDING TO
DEPARTMENTWISE & SEXWISE.

| Department | Male | Female | Children | Unclassified | Total |
|---|------------|------------|------------|--------------|--------------|
| (A) Non-Paying Beds : | | | | | |
| Teaching Beds | | | | | |
| Medical | 126 | 36 | .. | .. | 162 |
| Surgical | 120 | 36 | .. | .. | 156 |
| Orthopaedics | 36 | 24 | 12 | .. | 72 |
| Gynaec | .. | 36 | .. | .. | 36 |
| Obstetrics and PPM | .. | 120 | .. | .. | 120 |
| E. N. T. Aural | 14 | 6 | 10 | .. | 30 |
| Ophthalmic | 18 | 14 | 8 | .. | 40 |
| Dermatology and V. D. | 12 | 8 | 6 | .. | 26 |
| Paediatrics Including I. P. C. U. & R. C. | .. | .. | 115 | .. | 115 |
| Paediatrics Surgery | .. | .. | 24 | .. | 24 |
| Psychiatrics | 12 | 8 | 6 | .. | 26 |
| Cardiology & I. C. C. U. | 14 | 6 | .. | 10 | 30 |
| Urology | 20 | 2 | 3 | .. | 25 |
| Neuro Surgery | 10 | 4 | 2 | .. | 16 |
| Plastic Surgery | 20 | 3 | 2 | .. | 25 |
| Emergency Ward | .. | .. | .. | 10 | 10 |
| AKD | .. | .. | .. | 6 | 6 |
| Burns | .. | .. | .. | 16 | 16 |
| Tetanus | .. | .. | .. | 16 | 16 |
| C. V. T. S. | 8 | 6 | 1 | 4 | 19 |
| Total | 410 | 309 | 189 | 62 | 970 |
| (B) Paying Beds. | | | | | |
| Non-Teaching Beds. | | | | | |
| Medical & allied | 17 | 9 | .. | .. | 26 |
| Surgical & allied | 17 | 10 | .. | .. | 27 |
| Gynaec & Obstertrics | .. | 15 | .. | .. | 15 |
| Total | 34 | 34 | .. | .. | 68 |
| (C) Beds Reserved for B. E. S. T. | | | | | |
| Undertaking Staff | | | | | |
| Medical | 5 | .. | .. | .. | 5 |
| Surgical | 5 | .. | .. | .. | 5 |
| Total | 10 | .. | .. | .. | 10 |
| Grand Total | 454 | 343 | 189 | 62 | 1,048 |

APPENDIX No. IV

(A) Departmentwise distribution of Inpatients and out Patients treated during the year. 1982.

| Sr. No. | Name of the Department | In-Patients | | Out-patients | |
|--------------|---|---------------|---------------|-----------------|-----------------|
| | | 1981 | 1982 | 1981 | 1982 |
| 1 | Medical | 14,943 | 12,217 | 57,467 | 40,734 |
| 2 | Surgical | 9,836 | 8,080 | 61,219 | 47,373 |
| 3 | E. N. T. | 1,498 | 1,028 | 16,573 | 22,284 |
| 4 | Ophthalmology | 1,392 | 1,117 | 16,876 | 12,550 |
| 5 | Skin | 186 | 216 | 20,978 | 16,159 |
| 6 | Dental | ... | .. | 12,435 | 12,487 |
| 7 | Paediatrics | 7,304 | 6,698 | 22,815 | 19,783 |
| 8 | Psychiatrics | 723 | 706 | 1,824 | 1,351 |
| 9 | Orthopaedics | 3,230 | 2,970 | 32,631 | 28,905 |
| 10 | Gynaec | 1,556 | 1,050 | 7,062 | 6,395 |
| 11 | Obstetrics | 8,279 | 8,357 | 10,923 | 9,591 |
| 12 | Neuro Surgery | 334 | 430 | 1,475 | 717 |
| 13 | Cardiology | 1,279 | 1,442 | 996 | 703 |
| 14 | Cardio Vascular Thoracic Surgery | 183 | 178 | 426 | 367 |
| 15 | Plastic Surgery | 449 | 440 | 837 | 536 |
| 16 | Urology | 620 | 466 | 916 | 690 |
| 17 | Paediatrics Surgery | 1,207 | 1,289 | .. | .. |
| 18 | Raoli Camp Paediatric Ward and diagnostic centre. | | | | |
| | a) Paediatric | 1,212 | 1,002 | 35,762 | 9,236 |
| | b) Medical | .. | .. | .. | 7,087 |
| | c) Surgical | .. | .. | .. | 3,508 |
| 19 | Chest Clinic | .. | .. | .. | 409 |
| 20 | Gastro-intestinal clinic | .. | .. | .. | 326 |
| Total | | 55,713 | 48,694 | 3,01,215 | 2,40,356 |

(B) Results of treatments.

| Hospital. | Cured. | Relieved | Other-wise | Delivered | Expired |
|--|--------|----------|------------|-----------|---------|
| L. T. M.G. Hospital & Annapurnabai Deshmukh Hospital for women | 6,015 | 33,412 | 4,250 | 6,758 | 3,980 |

(C) Classification of deaths according to their time of admission. :

| within 24 hours of admission | After 24 hours of admission but within 3 days. | After 3 days of admission | Total deaths. |
|------------------------------|--|---------------------------|---------------|
| 1,267 | 896 | 1,817 | 3,980 |

APPENDIX No. V

List of persons who have donated Rs. 500 and above during the year 1982-83

| Serial No. | Name of the Party | Amount |
|-------------|--|----------|
| | | Rs. |
| 1 | Dr. S. K. Sanghani | 5,000.00 |
| 2 | Durga Prachar Mandal Project of social service Dept. | 2,500.00 |
| 3 | Damayantiben D. Chheda | 500.00 |
| 4 | Kundanlal Tilakchand | 1,000.00 |
| 5 | Lion Club of Wadala | 1,600.00 |
| 6 | Lions Club of Dadar | 500.00 |
| 7 | President, Rotract Club of Matunga | 525.00 |
| 8 | Dr. B. L. Mehta | 500.00 |
| 9 | Shivlal G. Shah | 1,001.00 |
| 10 | Dr. B. L. Mehta | 500.00 |
| 11 | P. S. Agarwal, OBS Executive Centre | 2,000.00 |
| 12 | Leelavati N. Parekh, Charitable Trust | 1,500.00 |
| 13 | Messrs. Orwo Ltd. | 5,000.00 |
| 14 | Ashok Mehta | 3,000.00 |
| 15 | Rotract Club of Bombay | 1,000.00 |
| 16 | Lion Club of Wadala | 1,000.00 |
| 17 | Nirmala and Vimala P. Shah | 500.00 |
| 18 | Dr. N. V. Apte | 500.00 |
| 19 | M. D. Thakkar | 501.00 |
| 20 | Rotract Club of Bombay Uptown | 1,180.00 |
| 21 | Lions Club of Wadala | 600.00 |
| 22 | Lilavati Parekh Charitable Trust | 800.00 |
| 23 | Total donation below Rs. 500 | 5,494.00 |
| Grand Total | | 36701.00 |

APPENDIX VI

Expenditure Per In-Patient and Per Out-Patient per day.

| Year | Diet | Medicines Drugs Equipments | Stores and Linen | Miscella- neous | Repairs to Bldg. | Establish- ment | Total |
|---------------------|------|----------------------------------|------------------------|--------------------|------------------------|--------------------|--------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| In-Patient— | | | | | | | |
| 1981-82 .. | 4.34 | 17.25 | 5.60 | 7.19 | 4.29 | 43.77 | 82.44 |
| 1982-83 .. | 5.25 | 17.69 | 6.21 | 7.27 | 4.53 | 61.62 | 102.57 |
| Out-Patient— | | | | | | | |
| 1981-82 .. | Nil | 4.95 | 1.61 | 2.06 | 1.23 | 12.57 | 22.42 |
| 1982-83 .. | Nil | 5.59 | 1.96 | 2.30 | 1.43 | 19.48 | 30.76 |

APPENDIX NO. VII

| | |
|---|---|
| Prizes and Awards received by the students during the year 1982. | |
| 1 Dr. R. S. Tembe Prize of standing first in final M. B. B. S. Exam. held in October 1982. | Miss Lalamalani Asha G. |
| 2 Smt. Shantabai K. Rao Prize for standing first in Medicine in final M. B. B. S. exam. held in Oct. 1982. | Miss Kulkarni Sadhana |
| 3 Dr. B. R. Damle, Memorial Gold Medal in Medicine. | No Suitable candidate. |
| 4 Dr. B. R. Damle Memorial Gold Medal in Preventive and Social Medicine. | Exam. not held. |
| 5 Dr. G. M. Phadke, Memorial Award in Surgery. | 1. Shri Gaitonde Dilip S. 2. Shri Kumta Sameer |
| 6 Dr. G. M. Phadke, Memorial Award in Pharmacology. | 1. Shri Khadilkar, S. M. 2. Shri Sayargaonkar, R. R. |
| 7 Dr. B. M. Bhargava, Memorial prize in Obst. & Gyn. | 1. Miss Kulkarni Sadhana 2. Miss Vale Vidya |
| 8 Dr. B. M. Bhargava Memorial Prize in Anatomy. | 1. Miss Punya, K. R. 2. Shri Sharma, S. R. |
| 9 Dr. C. M. Gadre, Memorial prize in E. N. T. | Shri D. S. Gaitonde. |
| 10 Dr. G. M. Phadke, Memorial prize in Physiology. | Shri Vardhachari Atul |
| 11 Hemant Kelkar Prize standing first in merit amongst the students registered for M. S. (Gen. Surgery) in November 1982. | Shri Saileshwar Natrajan. |

APPENDIX NO. VIII.

Performance Targets and Achievements.

| Activity | Name | Targets. | | Achievements, | |
|----------|--|--|----------|---------------|----------|
| | | Out-pts. | In-pts. | Out-pts. | In-pts. |
| 1 | Administration | .. | .. | .. | .. |
| 2 | Medicine | 74,250 | 14,335 | 40,621 | 11,998 |
| 3 | Surgery | 68,128 | 12,125 | 47,830 | 10,953 |
| 4 | Gyn. & Obst. | 18,735 | 10,016 | 15,265 | 9,227 |
| 5 | Paediatric | 39,288 | 8,598 | 26,290 | 6,036 |
| 6 | Casualty | 23,931 | .. | 21,175 | .. |
| 7 | Orthopaedics | 33,858 | 3,490 | 28,192 | 3,298 |
| 8 | E. N. T. | 17,456 | 1,231 | 12,369 | 1,066 |
| 9 | Ophthalmology | 17,640 | 1,262 | 11,253 | 1,247 |
| 10 | Skin & V. D. | 21,336 | 178 | 13,999 | 210 |
| 11 | Psychiatric | 1,837 | 714 | 1,253 | 659 |
| 12 | O. T. Treatment P. T. Treatment | 1,27,570 | 2,34,741 | 92,598 | 2,06,365 |
| 13 | Dental | 13,253 | .. | 12,305 | .. |
| 14 | Dispensary | 4,89,594 | .. | 3,71,725 | .. |
| 15 | Social Service | 33,782 | .. | 34,224 | .. |
| 16 | Paying Ward | .. | 1,458 | .. | 1,566 |
| 17 | Radiology No. of X-Ray Plates | .. | 1,21,237 | .. | 82,308 |
| 18 | Blood Bank— | | | | |
| | (i) No. of Collection of blood bottles | .. | 8,719 | .. | 7,145 |
| | (ii) No. of blood bottles issued | .. | 8,335 | .. | 7,154 |
| 19 | Pharmacy— | | | | |
| | (1) No. of infusion bottles | .. | 54,001 | .. | 28,431 |
| | (2) No. of voils | .. | 58,487 | .. | 69,562 |
| 20 | Emergency & Accident Service— | | | | |
| | (1) No. of patients admitted | .. | 2,542 | .. | 2,421 |
| | (2) No. of calls attended | .. | 501 | .. | 249 |
| 21 | Lab. Service Total Investigations | .. | 3,78,978 | .. | 3,31,861 |
| 22 | Anaesthesiology No. of patients | .. | 11,590 | .. | 10,441 |
| 23 | Operation Theatre | | | | |
| | No. of Operation performed | .. | 45,657 | 31,028 | 17,834 |
| 24 | Cardiology | .. | 1,014 | 702 | 1,556 |
| 25 | Municipal Staff No. of staff given drugs | 49,629 | .. | 49,554 | .. |
| 26 | Ambulance service | Ambulance service included in Emergency Service. | | | |
| 27 | Nursing School; No. of students given Nursing Training | .. | 255 | .. | 198 |

THE NAIR HOSPITAL DENTAL COLLEGE

High Lights—

(i) Income : .. Rs. 6,81,194.74 (ii) Expenditure Rs. 49,36,297.

Students Section : University Examination Results.

| Examination | Total No. of students appeared | | Total N . of students passed | |
|-----------------|--------------------------------|--------------|------------------------------|--------------|
| | April 1982 | October 1982 | April 1982 | October 1982 |
| I—B. D. S. .. | 53 | 09 | 45 | 04 |
| II—B. D. S. .. | 46 | 10 | 44 | 10 |
| III—B. D. S. .. | 53 | 16 | 42 | 12 |
| IV—B. D. . .. | 52 | 22 | 45 | 17 |
| Total : .. | 204 | 57 | 176 | 43 |
| I—M. D. S. .. | 17 | 01 | 16 | 01 |
| II—M. D. S. .. | 17 | 13 | 09 | 09 |
| Total .. | 34 | 14 | 25 | 10 |

Patients Treated :

(i) Out Patients : 1,34,008 (ii) Daily average 436.

The College conducts 4 years course in Dentistry leading to the Degree of Bachelor of Dental Surgery as also Post Graduate course in 9 Dental subjects leading to the Degree of Master of Dental Surgery of the University of Bombay.

Educational Activities and Seminars :

During the year five eminent specialists from abroad visited the college and delivered lectures for the students and the staff of this college. Dr. Virendra B. Dhuru, Marquette University School of dentistry U. S. A. gave a talk on "Recent development in dental restorative materials and their applications. Prof. Bajramian Robert, Head of the Deptt. of Community Dentistry, School of Dentistry, University of Michigan, U. S. A.; Dr. Noshir R. Mehta, D. M. D., M. S. Director of Cranio-Mandibular Dys function. Clinic and assistant Prof. Deptt. of Periodontics Tufts University, School of Dental Medicine, Boston U. S. A.; Dr. C. J. Burstone, University of connecticut, Health Centre, Farmington, connecticut U. S. A.; Dr. George Stewart, D.D.S., Prof. of Endodontics, Pennsylvania School of Dentistry, U.S.A.; delivered lectures.

These specialists also had exchange of thoughts and discussions on various problems of teaching and reasearch with the staff members of this college. Discussions were very valuable and revealing to all.

Hostel :

Nair Hospital Dental College Hostel for boys and for girls nas been started from 1st July 1976 and from 28th Nov. 1977 respectively.

Library :

During the year 420 books have been added to the collection totalling to 6702 books and 1620 bound periodical volumes. Currently the library subscribes to 70 journals and in addition complimentary periodicals and some college magazines were received. Total No. of dissertations are 217. The Library also has a special collection of National Technical Information services Reports from U. S. A. and I. S. I. specifications on dental items in addition the Library also provides on index to world dental literature.

Special Equipments.

The College has 200 Dental chairs 166 Dental Units, 120 Bench type engines, operation theatre. latest dental drilling equipments including Airotors and Air motors. Cavitron Dental prophylaxis units, CS-cryosurgical system unit and slide talk sound system.

There are 6 X-ray units which includes ergophos-4E, 200 M. A. X-ray unit, with tomographic of screening facilities. Cyphalostate X-ray unit, Heliodont 60 and G. E. C. unit for Intra-oral X-ray and Super practic (Philips) Mobile X-ray unit, status X-ray Unit have been added to facilitate panoramic radiography. A Mobile Dental Van for rendering dental treatment in the areas where treatment facilities are not available to the citizens all over Greater Bombay has also been started during the year under report :—

The college has a ward of 16 beds (Male 8 and Female 8) specially for dental in-patients. The number of patients admitted during the year 1982-83 was male patients 3247 Female patients 1842 children 493 *i. e.* in all 5582 patients were treated in the ward

The Staff engaged for the services in College is 449, para Dental 21, Non-Medical-268, Dental 147 and Medical-13.

Resume of Work done in the College :

The total number of dental out-patients treated in different dental clinics was 1,34,008 including School Children from the Municipal Schools in the morning as well as in the evening clinics which include males, 62,792 females 44,385 and children. 26,831 In addition to the above patients, 3861 patients were treated with the Community mobile dental Service. The details of work carried out in different departments are given in the appendices 'A' to 'L' attached herewith.

During the year a revenue of Rs. 6,81,194.74 was collected by way of fees from the students and charges from the patients etc., The total expenditure incurred is Rs.49,36,297.00 as against Rs. 48,62,422.34 during the preceeding year.

Poor Box Collection was Rs. 6,078.40.

During the year 146 dental camps were arranged by the Institutions.

DR. S. T. TALIM, B.D.S., M.D.S.
Dean,
Nair Hospital Dental College.

APPENDIX ' A '

Summary of yearly Report of the Clinical work from 1-4-1982 to 31-3-1983.

| Serial No. | Description | Departments | Total |
|------------|--|-----------------------------|-------------|
| 1 | New Patients | .. | 42,854 |
| 2 | Old Patients | .. | 91,154 |
| 3 | Total Patients | .. | 1,34,008 |
| 4 | Male | .. | 62,792 |
| 5 | Female | .. | 44,385 |
| 6 | Children | .. | 26,831 |
| 7 | Silver Filling | ..Operative & Pedo. | 9,647 |
| 8 | Root Canal Filling | .. | 913 |
| 10 | Gold Inlays | .. | 142 |
| 11 | Fixed Bridge | ..Oper. & Prost. | 15 |
| 9 | Jacket Crown | .. | 470 |
| 12 | Scalings | ..Perio. & Pedo. | 11,586 |
| 13 | Gingivectomy and Gingivoplasty | ..Periodontia. | 183 |
| 14 | Extractions | ..Oral Sur., Exo. and Pedo. | 37,133 |
| 15 | 3rd Molar Impactions | ..Oral Surg. and Exo. | 352 |
| 16 | Surgical treatment for— | .. | |
| (a) | Cyst | ..Maxillo facial Deptt. | 30 |
| (b) | Fracture of the Jaw. | .. | 63 |
| (c) | Cald Well Luc | .. | 12 |
| (d) | Hemimandibulectomy and Osteotomy | .. | 46 |
| (e) | Cleft Palate | .. | 6 |
| (f) | Cleft Lip | .. | 1 |
| (g) | Condylectomy | .. | 15 |
| (h) | Tumours | .. | 16 |
| (i) | Maxilectomy | .. | 3 |
| (j) | Plastic Reconstructive Surgery | .. | 67 |
| 17 | Transplantation of the Teeth | .. | .. |
| 18 | Re-plantation of the Teeth | ..Operative | .. |
| 19 | X-Rays | ..Radiology. | 3,599 |
| 20 | Fixed appliances for Ortho. treatment | ..Orthodontia | 1,077 |
| 21 | Removal appliances for Ortho treatment | .. | 975 |
| 22 | Full dentures | ..Prosthetic | 1,056 |
| 23 | Partial dentures | .. | 635 |
| 24 | Operations under G. A. Cases | .. Pedo. & Oral Surgery. | 221 |
| 25 | Operations under L. A. Cases. | .. (Oral Surgery Dept.) | 370 |
| 26 | Extra Oral Films. | .. | 1,749 |
| 27 | Intra-Oral Films. | .. | 16,245 |
| 28 | Occlusal Films. | .. | 122 |
| 27 | Panagraph Films. | .. | 351 |
| 30 | Child Films. | .. | 257 |
| 31 | Total Collection (Paid) Rs. Np. | .. | 4,68,779.50 |
| 32 | (Poor Box-Fund) Collection | .. | 436.50 |
| | Regd. Deptt. Collection. | .. | 75,514.00 |
| 33 | Grand Total | .. | 5,44,730.00 |

| Serial No. | Description | Departments | Total |
|------------------------|------------------------------------|-------------|--------|
| X-Ray Film A/c. | | | |
| (1) | Intra Oral Films | ... | 13,912 |
| (2) | Extra Oral Films (6 1/2" x 8 1/2") | .. | 1,427 |
| (3) | Extra Oral Films (8" x 10") | .. | 300 |
| (4) | Extra Oral Films (12" x 15") | .. | 22 |
| (5) | Panagraph Films. | .. | 351 |
| (6) | Occlusal Films. | .. | 122 |
| (7) | Child Films. | .. | 257 |
| (8) | Total Number of Patients. | .. | 9,724 |

APPENDIX 'B'

Maxillo- Facial and Oral Surgery Department.

List of Operations done during 1982-83.

(A) Oral Surgery—

| Serial No. | Description | Departments | Total |
|------------|----------------------|--------------------------------------|-------|
| 1 | New Patients | ... Maxillo-Facial and Oral Surgery. | 1229 |
| 2 | Old Patients | .. " | 4353 |
| 3 | Total Patients | .. " | 5582 |
| 4 | Male | .. " | 3247 |
| 5 | Female | .. " | 1842 |
| 6 | Children | .. " | 493 |
| 7 | Check up done | .. " | 2854 |
| 8 | Wiring | .. " | 55 |
| 7 | Teeth Ext. | .. " | 317 |
| 10 | Biopsy | .. " | 43 |
| 11 | Oro-antral fistula | ... Maxillo-facial and oral Surgery. | 8 |
| 12 | X-Rays | .. " | 975 |
| 13 | Fracture | .. " | 63 |
| 14 | Abscess Incise | .. " | 52 |
| 15 | Alveolectomy | .. " | 19 |
| 16 | Apiecectomy | .. " | 24 |
| 17 | Osteotomy | .. " | 36 |
| 18 | Impacted Third Molar | .. " | 111 |
| 19 | Sutures Removed | .. " | 211 |
| 20 | Excision of Epulis | .. " | 7 |
| 21 | Dressing | .. " | 470 |

| Serial No. | Description. | Departments. | Total |
|------------|------------------------------|--------------|-------|
| 22 | Cyst operations | .. | 30 |
| 23 | G. A. Cases | .. | 159 |
| 24 | Frenectomy | .. | 4 |
| 25 | Caldwell Luc | .. | 4 |
| 26 | Curettage | .. | 35 |
| 27 | Skin Graft | .. | 1 |
| 28 | Bone Graft | .. | 8 |
| 27 | Hemimandibulectomy | .. | 3 |
| 30 | Vestibuloplasty | .. | 1 |
| 31 | Condylectomy | .. | 15 |
| 32 | Neurectomy | .. | 6 |
| 33 | Maxilectomy | .. | 3 |
| 34 | Mandibulectomy | .. | 5 |
| 35 | Eminectomy | .. | 8 |
| 36 | Sequestrectomy | .. | 2 |
| 37 | Gland excision | .. | 6 |
| 38 | Removal of salivary calculus | .. | 1 |
| 37 | Tumour | .. | 3 |
| 40 | Rhinoplasty | .. | 1 |
| 41 | Aureoplasty | .. | 5 |
| 42 | Alveoloplasty | .. | 1 |
| 43 | Arthroplasty | .. | 3 |
| 44 | Excision of hyperplasia | .. | 3 |
| 45 | Excision of fibrous tissue | .. | 1 |
| 46 | Removal of tongue tie | .. | 1 |
| 47 | Revision of scar | .. | 4 |
| 48 | Repair of lips | .. | 2 |
| 49 | Lengthening of lip | .. | 1 |
| 50 | Nerve repositioning | .. | 1 |
| 51 | Resection of the mandible | .. | 2 |
| 52 | Hare lip | .. | 1 |
| 53 | Operculectomy | .. | 2 |
| 54 | Exploration | .. | 2 |
| 55 | Free | .. | 237 |
| 56 | Rupees | .. | 41026 |

APPENDIX 'B'—(Contd).

(B) EXODONTIA DEPARTMENT.

Clinical Yearly Report from 1st April 1982 to 31st March 1983.

| Serial No. | Description | Morning | Evening | Total |
|------------|-------------------------------|---------|---------|-----------|
| 1 | New Patients | .. | .. | 22,375 |
| 2 | Old Patients | .. | .. | 14,586 |
| 3 | Total Patients | .. | .. | 36,961 |
| 4 | Male | .. | .. | 22,638 |
| 5 | Female | .. | .. | 13,549 |
| 6 | Children | .. | .. | 774 |
| 7 | Consultation | .. | .. | 2,624 |
| 8 | Prescription | .. | .. | 6,881 |
| 9 | Teeth Ext. | .. | .. | 28,853 |
| 10 | G. A. Ext. | .. | .. | .. |
| 11 | Root Exts. | .. | .. | 991 |
| 12 | X-Rays | .. | .. | 1,161 |
| 13 | Medication | .. | .. | .. |
| 14 | Abscess Incise. | .. | .. | 37 |
| 15 | Alveolectomy | .. | .. | 81 |
| 16 | Flushing | .. | .. | 106 |
| 17 | Flap Removed | .. | .. | 27 |
| 18 | Impacted Third Molar | .. | .. | 241 |
| 19 | Suture removed | .. | .. | 367 |
| 20 | Excision of Epulis Apicectomy | .. | .. | 1 |
| 21 | Dressing | .. | .. | 19 |
| 22 | Frenotomy | .. | .. | 1 |
| 23 | Free | .. | .. | 3,078 |
| 24 | Rupees | .. | .. | 72,056.50 |

APPENDIX 'C'

DEPARTMENT OF ORAL ANATOMY, HISTOLOGY, ORAL PATHOLOGY
MICROBIOLOGY.

Administrative report from 1st April 1982 to 31st March 1983.

| Serial No. | Description | Total |
|--|--|-------|
| 1 | Pathology Biopsies. | 42 |
| 2 | Surgical Biopsies. | 272 |
| 3 | Total No. of Biopsies. | 314 |
| 4 | No. of Paraffin Blocks. | 466 |
| 5 | No. of Teeth and Embryo Blocks | 45 |
| 6 | Recutting of Blocks. | 114 |
| 7 | Total No. of Blocks cut. | 625 |
| 8 | Total No. of Paraffin slides prepared... | 2,500 |
| 9 | No. of Slides routine stain | 625 |
| 10 | No. of Slides special stain. | 703 |
| 11 | Total No. of Slides Stain | 1,328 |
| 12 | No. of Ground Sections. | 50 |
| BLOOD INVESTIGATION | | |
| Hae matological : | | |
| 1 | No. of Haemoglobin. | 1,068 |
| 2 | Bleeding time. | 1,030 |
| 3 | Clotting time. | 1,030 |
| 4 | No. of WBC (Total Count.) | 1,020 |
| 5 | No. of White Cell Morphology. | 1,020 |
| 6 | Plate count. | 85 |
| 7 | Erythrocyte Sedimentation Rate. | 335 |
| Biochemical Investigations : | | |
| 8 | Blood Sugar. | 250 |
| 9 | Blood urea nitrogen. | 198 |
| 10 | Serum Alkaline Phosphatase. | 55 |
| 11 | Serum Alkaline Phosphatase | 55 |
| 12 | Serum Cholesterol. | 05 |
| 13 | Serum Electrolyte. | 8 |
| 14 | Serum Creatinine. | 8 |
| | Serum Billirubin. | 02 |
| 15 | Blood S. G. O. T. S. G. P. T. | 04 |
| Serological Investigation | | |
| 16 | V. D. R. L. | 150 |
| Bacteriological Investigation : | | |
| 17 | Culture & Sensitivity. | 75 |
| | Aspirated Fluid for Cholesterol Crystal | 50 |
| Urine Investigation : | | |
| 18 | Urine Sugar. | 1,030 |
| 19 | Urine Albumin. | 1,030 |
| 20 | Urine Bile Salt & Bile Pigment. | 1,095 |
| 21 | Urine Microscopic. | 1,030 |

APPENDIX 'D'

ORAL DIAGNOSIS AND RADIOLOGY DEPARTMENT

Administrative Report from 1st April 1982 to March 1983

Details of Radiography taken and Reported

| Serial No. | Month | Extra-Oral Films. (6½"×8½) | Extra-Oral Films. (8"×10") | Extra-Oral Films. (12"×15") | Intra Oral Films. | Pana-graph Films. | Occlusal Films. | Child Films. | Total No. of Patients. |
|------------|----------------|----------------------------|----------------------------|-----------------------------|-------------------|-------------------|-----------------|--------------|------------------------|
| 1 | April 1982 | 174 | 2 | .. | 1222 | 13 | 14 | 7 | 757 |
| 2 | May 1982 | 177 | 2 | .. | 1392 | 2 | 12 | 24 | 837 |
| 3 | June 1982 | 208 | 1 | .. | 1598 | 24 | 11 | 13 | 1166 |
| 4 | July 1982 | 151 | 2 | .. | 1574 | 35 | 14 | 30 | 1137 |
| 5 | August 1982 | 161 | 54 | .. | 1308 | 56 | 14 | 17 | 968 |
| 6 | September 1982 | 6 | .. | .. | 521 | 39 | 7 | 9 | 399 |
| 7 | October 1982 | .. | 52 | .. | 625 | 12 | .. | 9 | 456 |
| 8 | November 1982 | 34 | 50 | 8 | 1044 | 3 | 5 | 10 | 630 |
| 9 | December 1982 | 138 | 18 | 6 | 1225 | 17 | 15 | 13 | 824 |
| 10 | January 1983 | 182 | .. | 5 | 1212 | 53 | 14 | 28 | 824 |
| 11 | February 1983 | 166 | .. | .. | 1082 | 31 | 6 | 50 | 853 |
| 12 | March 1983 | 30 | 119 | .. | 1109 | 66 | .. | 47 | 873 |
| | Total | 1427 | 300 | 22 | 13912 | 351 | 112 | 257 | 9724 |

APPENDIX 'E'

DEPARTMENT OF PERIODONTOLOGY.

Administrative Report from 1-4-1982 to 31-3-1983.

| Serial No. | Description | Morning | Evening | Total |
|------------|--------------------------|---------|---------|--------|
| 1 | New Patients | .. | .. | 6,926 |
| 2 | Old Patients | .. | .. | 16,022 |
| 3 | Total Patients | .. | .. | 22,948 |
| 4 | Male | .. | .. | 12,858 |
| 5 | Female | .. | .. | 9,736 |
| 6 | Children | .. | .. | 355 |
| 7 | Consultation | .. | .. | 7,170 |
| 8 | Medication | .. | .. | 480 |
| 9 | X-Ray | .. | .. | 461 |
| 10 | Scaling (Seating) | .. | .. | 7,351 |
| 11 | Scaling Completed | .. | .. | 3,324 |
| 12 | Free | .. | .. | 361 |
| 13 | Curettage | .. | .. | 252 |
| 14 | Gingivectomy | .. | .. | 221 |
| 15 | Free | .. | .. | 50 |
| 16 | Flap Operation | .. | .. | 166 |
| 17 | Pack placed or Removed | .. | .. | 1106 |
| 18 | Impressions | .. | .. | 31 |
| 19 | Splints | .. | .. | .. |
| 20 | Occlusal Adjustments | .. | .. | .. |
| 21 | Acute Infections | .. | .. | 2 |
| 22 | Intra-mascular Injection | .. | .. | 100 |
| 23 | Intra Venous Injection | .. | .. | .. |
| 24 | Rupees | .. | .. | 47,487 |

APPENDIX 'F'

DEPARTMENT OF OPERATIVE DENTISTRY
 Administrative Yearly Report from 1-4-1982 to 31-3-1983.

| Serial No. | Particulars | Total. |
|------------|--|----------|
| 1 | Old Patients | 23,816 |
| 2 | New Patients | 55,41 |
| 3 | Total Patients | 29,357 |
| 4 | Male | 16,919 |
| 5 | Female | 12,438 |
| 6 | Medicoation | 1,899 |
| 7 | Consultation | 5,914 |
| 8 | X-Ray paid (Intra-Oral) | 2,900 |
| 9 | In tra-Oral X-Ray Free | 1,027 |
| 10 | Zinc Filling | 6,751 |
| 11 | Cavity Cutting. | 6,751 |
| 12 | Ag. Filling Paid. | 4,871 |
| 13 | Ag. Filling Free | 1,301 |
| 14 | Total Ag. Filling | 6,172 |
| 15 | Porcelain Filling paid. | 217 |
| 16 | Porcelain Filling Free. | 74 |
| 17 | Total Porcelain Filling | 291 |
| 18 | Gold Inlays Paid | 110 |
| 19 | Gold Inlays Free | 32 |
| 20 | Total Inlays | 142 |
| 21 | Full Crown paid. | 286 |
| 22 | Full Crown Free | 131 |
| 23 | Total Full Crown | 417 |
| 24 | Jacket Crown Paid | 379 |
| 25 | Jacket Crown Free | 91 |
| 26 | Total Jacket Crown | 470 |
| 27 | Root Canal Treatment paid | 642 |
| 28 | Root Canal treatment Free | 178 |
| 29 | Total Root Canal Treatment | 820 |
| 30 | R. C. Dressing | 2,611 |
| 31 | Pulp Capping | 252 |
| 32 | Paid Pulpotomy. | 868 |
| 33 | Pulpotomy Free. | 50 |
| 34 | Apicectomy Paid. | 37 |
| 35 | Apicectomy Free. | 7 |
| 36 | Dowel Paid | 69 |
| 37 | Free Dowel | 19 |
| 38 | Total Dowel | 88 |
| 39 | J. C. Gold Backing paid. | 32 |
| 40 | Zinc Phosphate Cement filling. | 35 |
| 41 | Composite filling paid | 50 |
| 42 | Aspa filling paid | 14 |
| 43 | Certificate of treatment | 3 |
| 44 | Handed over X-ray filme to the patient | 10 |
| 45 | Amount Collect Rupees. | 1,08,707 |

APPENDIX ' G '
ORTHODONTIA DEPARTMENT

Administrative Annual Report for the year 1-4-1982 to 31-3-1983.

| Sr.No. | Particulars | Total |
|--------|---|--------------|
| 1 | New patients' Visits (Consultation) | 416 |
| 2 | Old Patients' Visits | 9,519 |
| 3 | Total Visits | 9,935 |
| 4 | Male Adults | 2,368 |
| 5 | Female Adults | 4,094 |
| 6 | Children | 3,473 |
| 7 | Impressions | 1,184 |
| 8 | X-Rays | 376 |
| 9 | Cephalograms | 343 |
| 10 | Photographs | 151 |
| 11 | New Patients' Treatment Started | 330 |
| 12 | Space Maintainers Given | 5 |
| 13 | Fixed Appliance New Patients | 110 |
| 14 | Removable Appliance New Patients | 200 |
| 15 | Fixed Appliance Adjustments | 1,077 |
| 16 | Removable Appliance Adjustments. | 1,319 |
| 17 | Special Appliances. | 60 |
| 18 | Extra Oral Appliances.... .. . | 2 |
| 19 | Retention Plates (Complete Cases) | 63 |
| 20 | Check-up Done | 5,119 |
| 21 | Amount Collectd Rs. | Rs. 93,907/- |
| 22 | Charges | 226 |
| 23 | Free | 96 |

APPENDIX—'H'

PEDODONTIA DEPARTMENT

Administrative report from 1st April 1982 to 31ST March 1983.

| Serial No. | Description | Total |
|------------|---------------------------------------|--------|
| 1 | New Patients | 5,280 |
| 2 | Old Patients | 16,382 |
| 3 | Total Patients | 21,662 |
| 4 | Consultation | 3,868 |
| 5 | Medication | 3,614 |
| 6 | Complete Treatment Under G.A. | 62 |
| 7 | Cavity cutting Zno. filling | 3,651 |
| 8 | Ag. Filling paid | 1,344 |
| 9 | Ag. Filling free | 213 |
| 10 | Ag. Filling total | 3,475 |
| 11 | Pulpotomy paid | 176 |
| 12 | Pulpotomy free | 161 |
| 13 | Pulpotomy total | 337 |
| 14 | R.C. Filling paid | 59 |
| 15 | R.C. Filling free | 34 |
| 16 | R.C. Filling total | 93 |
| 17 | Scaling and Polishing paid | 130 |

APPENDIX—'H'—(Contd.)

| Serial No. | Description | Total |
|------------|-------------------------------------|--------|
| 18 | Scaling and Polishing free | 420 |
| 19 | Scaling and Polishing total | 550 |
| 20 | Extraction paid | 4,023 |
| 21 | Extraction free | 3,449 |
| 22 | Extraction total | 7,472 |
| 23 | Blood and Urine paid | 58 |
| 24 | Blood and Urine free | 16 |
| 25 | Blood and Urine total | 74 |
| 26 | X-Ray paid | 370 |
| 27 | X-Ray free | 256 |
| 28 | X-Ray total | 626 |
| 29 | Pulp capping | 76 |
| 30 | Apicectomy | 10 |
| 31 | Zinc cement | 21 |
| 32 | S. Steel crown | 3 |
| 33 | Splint | 7 |
| 34 | Fisher filling | 18 |
| 35 | Part Denture delivered | 4 |
| 36 | Floride | 3 |
| 37 | Gold Inlay | 1 |
| 38 | Silicate filling | 9 |
| 39 | Jacket crown | 12 |
| 40 | Dowed | 2 |
| 41 | Rupees) | 29,299 |

APPENDIX 'I'

PROSTHETIC AND CROWN AND BRIDGE DEPARTMENT

Administrative Report from 1st April 1982 to 31st March 1983

| Serial No. | Description | Total |
|------------|---|--------|
| 1 | New Patients. | 1,087 |
| 2 | Old Patients. | 6,476 |
| 3 | Total Patients. | 7,563 |
| 4 | Male Patients. | 4,763 |
| 5 | Female Patients. | 2,726 |
| 6 | Children. | 74 |
| 7 | Consultations. | 2,029 |
| 8 | Complete dentures. | 1,050 |
| 9 | Partial dentures. | 635 |
| 10 | Repair of dentures. | 266 |
| 11 | Crown & Bridge treatment. | 15 |
| 12 | Obturator & Cleft palate. | 9 |
| 13 | Relining & Rebasing. | 7 |
| 14 | Other Mechanical appliances (Mandibulactomy, T. M. Joint, Training flange, Bite raising etc.) | 5 |
| 15 | Immediate dentures. | 9 |
| 16 | Total Collection (Amount). | 76,297 |

Free Work done during the Year :

| | |
|---|--------|
| Complete dentures. | 276 |
| Partial dentures. | 143 |
| Repair of dentures. | 41 |
| Crown & Bridge. | 4 |
| Obturator. | 3 |
| Relining & Rebasing. | 4 |
| Total amount collected through poor box Fund by receipts. | 436.50 |

APPENDIX 'J'

Report of the Dental Camps for the year 1982 to 1983.

| Month | Camps | Patients treated |
|----------------|-------------|------------------|
| April 1982 | No. Camp .. | .. |
| May 1982 | No. Camp .. | .. |
| June 1982 | 2 .. | 204 |
| July 1982 | 5 .. | 330 |
| August 1982 | 5 .. | 222 |
| September 1982 | 7 .. | 470 |
| October 1982 | 12 .. | 201 |
| November 1982 | 22 .. | 232 |
| December 1982 | 20 .. | 488 |
| January 1983 | 25 .. | 506 |
| February 1983 | 24 .. | 553 |
| March 1983 | 24 .. | 655 |
| Total | 146 .. | 3861 |

APPENDIX 'K'

List of Scientific Publication and Papers read during the year 1982-83.

OPERATIVE DENTISTRY

| Doctor | Subject | Particulars |
|-------------------------------------|---|---|
| Dr. S.T. Talim | Incidence of caries in India | Talk Indian Dental Association B. Br. |
| Dr. D.R. Shahani | An assesment of Root Canal length using the Paralleling Technique with grid for Endodontic Treatment. | Published in I.D.A. Journal, Vol. 55 Feb. 1983. |
| Dr. D.R. Shahani Dr. P.D. Joshi | In Vitro Study of the solvent action of Sodium Hypochloride solution on various types of tissues at different concentrations and tempratures. | Research conducted. |
| Dr. D.R. Shahani Dr. K.S. Utture | Histopathological study of Dental Pulp in Periodontally involved teeth. | Research conducted. |
| Dr. D.R. Shahani | A study of Bacterial invasion in Human non-vital dentin. | Research conducted. |
| Dr. D.R. Shahani | Review of Intra-canal irrigation and Medication for Endodontic therapy. | Paper sent for publication to I.D.A. |

PERIODONTOLOGY

| | | |
|------------------|-----------------------------------|--|
| Dr. I.R.D' Silva | Periodontics for the handicapped. | Bulleting of Indian Society of Periodontology Vol. 6, No.1,1982. |
|------------------|-----------------------------------|--|

PROSTHETIC AND CROWN AND BRIDGE

| | | |
|--|--|---|
| Dr. F.D. Mirza Dr. J.V. Dikshit Dr. N.S. Muradia | Effectiveness of Denture Adhesives at Various Time Intervals. | Journal of Indian Dental Association, Vol. 55, 1983 pages 9-13. |
| Dr. F.D. Mirza | Endosseous Blade Implants -An Adjunct to Fixed partial Prosthodontics. | Paper read at 10th Indian Prosthodontic Society Conference held in Bangalore on 25th Dec. 82. (Awarded Bharucha Trophy for the Best Paper presented). |
| Dr. J.V. Dikshit Dr. F.D. Mirza | Changing Concepts in Crown and Bridge Prosthodontics. | Journal of Indian prosthodontic Society, Vol. 1 Nov. Dec. 1981 Pages 33-38. (Journal released on 25th Dec. 1982). |
| Dr. S. Natrajan Dr. F.D. Mirza | Cephalometric Study of Occlusal Plane in Dentulous Subjects. | Journal of Indian Prosthodontic Society, Vol.1 Nov. Dec. 1981 Pages 1.-10 (Journal released on 25th Dec. 1982). |

Oral, Anatomy, Histology, Oral Pathology and Microbiology Department

| Doctor | Subject | Particulars |
|-------------------------------------|---|--|
| Dr. A.B. Bhatt | Haemorrhagic spots due to tight fitting dentures. | January 1982 Journal Indian Dental Association. |
| Dr. A.P. Bhatt | Denture stomatitis due to candidiasis. | Journal Indian Dental Association. February, 1982, |
| Dr. A.P. Bhatt | Palatal perforation due to Tertiary Syphilis. | Journal Indian Dental Association March 1982. |
| Dr. (Mrs.) Brave Dr. A.P. Bhatt. | Cheilosis | Journal Indian Dental Association. April 1982. |
| Dr. (Mrs.) Brave Dr. A.P. Bhatt. | Lichen Planus | Journal Indian Dental Association May 1982. |

| Doctor | Subject | Particulars |
|--|--|--|
| Dr. (Mrs.) Poonja Dr. A.P. Bhatt | Epulis Fissuratum | .. Journal Indian Dental Association June 1982, |
| Dr. (Mrs.) Brave Dr. A.P. Bhatt | Fibroma .. | .. Jnurnal Indian Dental Association July 1982. |
| Dr. (Mrs.) Poonja Dr. A.P. Bhatt | Palatal perforation due to Disc. | .. Jnurnal iIndian Dental Association August 1982. |
| Dr. (Mrs.) Poonja Dr. A.P. Bhatt | Marked generalized pigmentation of Lower ridge. | Journal Indian Dental Association. September 1982. |
| Dr. A.P. Bhatt | Mucocele | .. Journal Indian Dental Association. October 1982. |
| Dr. A.P. Bhatt | Peripheral Giant Cell Granuloma | Journal Indian Dental Association November 1982. |
| Dr. A.P. Bhatt | Candidiasis.. .. | .. Journal Indian Dental Association. December 1982. |
| Dr. A.P. Bhatt | Chairman, Symposium on ulcers of the Oral Cavity. | At the 37!h Indian Dental Con- ference, held at Bangalore 1982. |
| Dr. A.P. Bhatt | Invited to give scientific talk | .. By Surat Branch of Indian Dental Association January 1983. |
| Dr. (Mrs.) Poonja Dr. A.P. Bhatt | Calcifying Epithelial odontogenic Cyst. | Accepted for publication journal Indian Dental Association. |
| Dr. (Mrs.) V.R. Brave Dr. A.P. Bhatt. | Odontogenic Myxoma | .. Dental Dialogue 1982, |

APPENDIX 'L'.

Prizes and Awards won by the Staff and Students of the College From 1-4-1982 to 31-3-1983.

| Serial No. | Name of the Studentr | Name of the Prize |
|-----------------|---------------------------|--|
| ACADEMIC | | |
| 1 | Miss Mehta Jagruti S. .. | .. I B.D.S. .. Silver Jubilee Scholarship. |
| 2 | Miss Joshi Sujata P. .. | .. II B.D.S. .. Silver Jubilee Scholarshp. |
| 3 | Miss Unadkat Tejal K. .. | .. III B.D.S. .. Silver Jubilee Seholarship. |
| 4 | Shri Kelkar C.A. .. | .. IV B.D.S. .. Silver Jubilee Scholarship. |
| 5 | Miss Unadhat Tejal K. .. | .. III B.D.S. .. Dr. J.M. Dubhash Scholarship. |
| 6 | Shri Kelkar C.A. .. | .. IV B.D.S. .. Dr. P.P. Shahani Scholarship. |
| 7 | Dr. (Miss) F.J. Dadrewala | .. IV B.D.S. .. Best Student Award. |

Scholarship, Medal awarded by the University of Bombay to the Students of this College for different academie achievements.

Medal/Prize

(1) Dr. K.K. Mistry Gold Medal awarded to Dr. S.S. Solanki for securing highest No. of marks in the subject to Orthodontia at Final B.D.S. Examination at University level held in April 1982,

(2) Mrs. Indumati Jhaveri Scholarship and the Rustomji Bejonji Vachha memorial scholarship awarded to Dr. C.A. Kelkar of this College for obtaining highest number of marks at the University level held in April 1982.

Best student award delivered by Medical Welfare Trust :—

One for Male and one for Female.

Male Prize awarded to—

(1) Dr. Atul Tuli.

Female prize awarded to :—

(1) Dr. (Miss) Freny J. Dadrewala.

G. T. B. Hospitals

T. B. CONTROL PROGRAMME

HIGH-LIGHTS OF THE YEAR 1982-83.

I The services aim at the following :

1. To ensure proper control and effective working of the Anti-T. B. activities conducted by various agencies in Greater Bombay to bring this disease under reasonable control.
2. To give concentrated attention to the management and implementation of the measures to be adopted in the control of the disease.
3. To co-ordinate and manage the whole T. B. programme.
4. To remove short-falls which are in existence in the control programme.
5. Research work.

Achievements :

Six Up-graded General Dispensaries which were adopted as Area Tuberculosis Centres have been replaced by full fledged T. B. Clinics at Suburban General Hospital. Four Area Tuberculosis Centres have been added to the present strength of 16 Area Tuberculosis Centres raising the total to 27 Area Tuberculosis Centres in Greater Bombay.

II.—Expenditure :

| | Rs. |
|---|-------------|
| 1. Total Expenditure | 3,08,56,245 |
| 2. Amount spent on In-patients | 2,69,51,155 |
| 3. Amount spent on Out-patients | 39,05,090 |
| 4. Average cost per day on— | |
| (i) In-patient | 73.31 |
| (ii) Out-patient | 11.79 |

III.—Significant Activities :

| | | |
|---|-------------|--|
| 1. Schedule Bed Strength | 1,330 | G. T. B. Hospitals Sarvodaya Hospital Ghatkopar. |
| | + 250 | |
| | 1,580 | |
| 2. Admissions | 12,507 | |
| 3. Daily average of In-patients | 1,007 | |
| 4. Out-patients at Clinics | 1,9497 | |
| 5. Average stay of patient in the hospital | 1 ½ months. | |
| 6. Operations carried out during the year | 653 | |
| 7. Health visits paid | 7,821 | |
| 8. Patients advised hospitalization, by Board | 317 | |
| 9. Patients covered under City Tuberculosis Programme | 82,845 | |
| 10. Patients under treatment at Municipal Centres | 31,215 | |

The Group of T. B. Hospitals is administered by the Medical Superintendent with the help of Deputy Medical Superintendent and Assistant Medical Officers.

Treatment to T. B. Patients is provided at the following centres.

- (1) G. T. B. Hospitals, Sewri, Bombay 15.
- (2) R. D. T. B. Clinic, Dadar, Bombay 14.
- (3) Municipal T. B. Clinic, Samaldas Gandhi Marg, Bombay 2
- (4) Municipal T. B. Clinic, Balaram Street, Bombay 8.
- (5) Municipal T. B. Clinic, Khar, Bombay 52.
- (6) Municipal T. B. Clinic, Nawab Tank, Bombay 10.
- (7) Municipal Sub-T. B. Clinic, K. B. H. K. Bhabha Hospital, Kurla, Bombay 70.
- (8) All Free Municipal General Dispensaries and T. B. Sections in General Hosps. (City & Suburbs, extended Suburbs.)

In addition to above, the Corporation have hired 250 beds for T. B. Patients at the Sarvodaya Hospital at Ghatkopar, where in-patients are treated.

Thus, the total bed strength of both the Municipal and hired beds comes to 1,580, as under :—

| G. T. B. Hospitals— | Male | Female | Children | Total |
|--|-------------|------------|-----------|-------------|
| Medical Ward ... | 852 | 250 | 35 | 1137 |
| Surgical Ward ... | 131 | 62 | ... | 193 |
| | 983 | 312 | 35 | 1330 |
| Sarvodaya Hospital, Ghatkopar (Hired beds) ... | 200 | 50 | ... | 250 |
| Total ... | 1183 | 362 | 35 | 1580 |

After discharge, 6,647 patients attended the hospital for follow-up.

G. T. B. Hospitals—

| Patients | | | Discharged | | | Remained at the end of the year |
|--------------------|----------------|--------|------------|-----------|-------|---------------------------------|
| From previous Year | New Admissions | Total | Cured | Otherwise | Died | |
| 1,115 | 12,507 | 13,622 | 8,968 | 2,315 | 1,366 | 973 |

Statistical data revealed the high incidence in the age-group of 35-40 years. Ratio of death to total patients treated was 10 percent.

Municipal TB Clinics—

The six T.B. Clinics serve as Diagnostic and Treatment Centres for Pulmonary Tuberculosis patients. They also serve as Out-patient Centres, for admissions to the Group of T.B. Hospitals at Sewri, or to Sarvodaya Hospital at Ghatkopar.

Out patients attended and treated during the year—

| Names of the clinics | No. of patients attended | T. B. Cases | Non-T. B. Cases |
|---|--------------------------|-------------|-----------------|
| (1) R. D. T. B. Clinic, Dadar | ... 6,955 | 4,502 | 2,453 |
| (2) Samaldas Gandhi Marg T. B. Clinic | ... 3,391 | 1,234 | 2,157 |
| (3) M. M. Munshi T. B. Clinic, Khar | ... 12,860 | 7,580 | 5,280 |
| (4) Balaram Street, T. B. Clinic | ... 5,474 | 1,594 | 3,880 |
| (5) Nawab Tank T. B. Clinic | ... 2,423 | 1,089 | 1,334 |
| (6) Sub-T. B. Clinic, at Bhabha Hospital, Kurla | ... 4,869 | 3,498 | 1,371 |
| | 35,972 | 19,497 | 16,475 |

Sarvodaya Hospital, Ghatkopar :

The following beds were reserved in Sarvodaya Hospital, Ghatkopar by the Corporation—

| | |
|--------------------------|-----|
| For TB patient | 250 |
| For Orthopaedic patients | 360 |

| Patients | | | Discharge | | | Remained at the end of the year |
|--------------------|----------------|-------|-----------|-----------|------|---------------------------------|
| From previous year | New Admissions | Total | Cured | Otherwise | Died | |
| 259 | 1,027 | 1,286 | 740 | ... | 310 | 236 |

Poor Box—

Collection out of the Poor Box Charity Fund of the hospital is utilised for the benefit of the poor and needy patients and incidental expenses. Amount of Rs. 42,387.70 was collected for the Poor Box Charity Fund of the hospital & Clinics during the year.

Teaching—

The Group of T.B. Hospitals and T. B. Clinics continued to be recognised for Diploma course in T. D. D. by the college of Physicians and Surgeons and for Degree Course in M.D. (Tuberculosis and Chest Diseases) by the University of Bombay, so also for D. P. H. (Bombay University) and Homoeopathy students. Clinical instructions are imparted to under-graduate students of G. S. M. College, Parel & L. T. M. M. College, Sion.

City Tuberculosis Programme—

The Municipal Corporation of Greater Bombay have established City Tuberculosis Programme in Greater Bombay on behalf of State Government. The Central Government gives free supply of Anti-T. B. Drugs to the City Tuberculosis Programme of the Corporation. It is also under consideration of the Central Government to grant "X-Ray machines with Odelca Camera" for T. B. Clinics.

For proper implementation of this programme, Greater Bombay has twenty centres (Area Tuberculosis Centres) for diagnosis & treatment. and 161 General Dispensaries working as Treatment centres for T. B. Patients. Two are managed by State Govt. and one by Central Government and six by Private Agencies including Maharashtra State Anti-TB Association and the remaining 18 by the Municipal Corporation. Work at all these centres is co-ordinated by Medical Supdt., with the assistance of Medical Officers, T. B. Clinics and Assistant Health Officer (T.B.) as a City Tuberculosis Officer and the staff consisting of 4 T. B. Inspectors, 88 Treatment Organizers, 15 Health Visitors and 1 B. C. G. Team Leader. This staff is engaged on case-findings, case-holding and for defaulter-action.

2. Following are the upgraded dispensaries, Peripheral Centres (T. Cs.) and B. C. G. Vaccination Centres covered by each A. T. C.

| Ward | Area (Sq. km.) | Population | Name of the A. T. C. | No. of upgraded dispensaries peripheral centres (T. Cs.) and B. C. G. Vaccination Centres covered by each A. T. C. | | |
|------|-------------------|------------|--|--|----------------------------------|-------------------------|
| | | | | Upgraded Disp. having facilities of screening & Lab. | Peripheral Cent. (T. B. Centres) | B. C. G. Vaccine Centre |
| A | 10.48 | 1,89,367 | G. T. Hospital | 1 | 4 | 5 |
| B | 2.47 | 1,74,536 | Municipal T. B. Clinic at Nawab Tank, Mazgaon. | 2 | 1 | 3 |
| C | 1.79 | 3,11,795 | Bombay Port Trust T.B. Clinic Municipal T. B. Clinic at Samaldas Gandhi Marg. 'C' Ward Medicial Association TB Clinic. | 2 | 3 | 1 |
| D | 6.63 | 4,47,811 | Municipal T. B. Clinic at Balaram Street. B. Y. L. Nair Hospital. | 1 | 3 | 4 |
| B | 7.40 | 4,62,065 | J. J. Hospital | 6 | 5 | 10 |
| F/W | 10.5879 | 7,93,981 | R. D. T. B. Clinic, Dadar | 7 | 6 | 10 |
| F/B | 10.559 | | O. H. T. B. Clinic, Sewri Gurudwara TB Clinic. | ... | ... | ... |
| G | 18.84 | 9,81,028 | Bai Gulbai Dispensary, Dadar, Bombay 28. E.S.I.S. Centres, Worli. | 6 | 14 | 8 |
| H | 25.8 | 7,24,644 | { M. M. Munshi T. B. Clinic at Khar, Bombay | 4 | 5 | 2 |
| K | 43.00 | 5,74,275 | { Cooper Hosp., Juhu Vile Parle L. & T. Clinic, Andheri Holy spirit TB Clinics, Andheri. | 5 | 8 | 7 |
| L | 13.00 | 4,33,571 | { Bhabha Hospital, Kurla Sub-T. B. Clinic. | 2 | 5 | 1 |
| M | 62.19 | 5,67,625 | MAA Hosp., Chembur. U.H.C., Deonar. | .. | 9 | 4 |
| N | 39.00 | 5,95,019 | Rajawadi Hosp., Ghalkopar. | 1 | 5 | 3 |
| P | 74.83 | 6,68,925 | Malad General Hospital, Haji Bapu Road., Malad (E). | 2 | 8 | 2 |
| R | 82.73 | 5,61,338 | Bhagwati Hospital, Borivali (W). Ashwinikumar TB Centre, Borivli. (W). | 1 | 4 | 4 |
| T | 41.44 | 2,28,114 | M. T. Agarwal Municipal General Hospital., Mulund (W). Mulund Gen. Hop., Mulund (E). | 1 | 5 | 2 |

Every Area Tuberculosis Centre is staffed by Medical Officer, Health Visitor and 2 to 3 T. B. Investigators (Treatment Organizers) and some members of lower staff. Out of 27 Area Tuberculosis Centres, 15 have M. M. R. X-ray equipment and Pathology Department and the remaining are having X-ray and/or Screening Machines and Laboratories. All these Centres serve as diagnostic-cum-treatment centres. The Peripheral Centres which are Municipal General Dispensaries, serve as Treatment Centres only. The Medical Record Department of the hospital and T. B. clinics and Central Statistical Section for field services is located at the Group of T. B. Hospitals, Sewri, respectively for collection of data.

As provided under the National Tuberculosis Programme, Central Control Agency is also formed under the Chairmanship of the Municipal Commissioner.

B. C. G. Programme. :-

(1) B. C. G. Vaccination to children below 2 years of age is carried out in all the 22 Municipal Maternity Homes and in the paediatric wards attached to 12 municipal general hospitals. It is also carried out in the Municipal schools (1 standard students every year) under the control and supervision of the Medical Officer (Schools). In all there are 62 B. C. G. Vaccination centres in Greater Bombay.

(2) Maharashtra Government's B. C. G. Team No. 1 and Organised Home Treatment Clinic, Sewri, carry out B.C.G. work in private Schools. In addition, O. H. T. Clinic is also conducting B. C. G. in slums during their shibirs.

(3) Central Training Centre of the Municipal Corporation has been established at the Bhabha Hospital, Kurla for imparting training in B. C. G. Technique to the staff involved in City Tuberculosis Programme. This Centre is conducted by Non-medical Team Leader (B. C. G.) trained at the National Tuberculosis Institute, Bangalore. In all 1,78,595 B. C. G. Vaccinations were given during the year.

Work done by the Municipal Corporation of Greater Bombay in T.B. Control Campaign 1982.

The statistical data of the work done with the active assistance from various services like E.S.I.S., State Government T.B. Centres, B.P.T. Centres and the Private Centres are as follows :

| Serial No. | Activity | Target laid down by the State Government 1982-83 | Achievement by M.C.G.B. 1982-83 |
|------------|--|--|---------------------------------|
| 1 | B.C.G. | 2,62,000 | 1,76,049 |
| 2 | Sputum— | | |
| | (i) New T.B. Cases detected— | | |
| | (a) Sputum +ve | 4,855 | 6,786 |
| | (b) Sputum —ve | 19,300 | 38,001 |
| | (ii) Regularity of treatment— | | |
| | (a) Sputum +ve | .. | 75.4% |
| | (b) Sputum —ve | .. | 79.8% |
| 3 | X-ray | .. | 91, 262 |
| 4 | Screening— | | |
| | (a) Total cases | .. | 31,144 |
| | (b) T.B. detected cases | .. | 2,855 |
| 35 | Sputum (At up-graded Dispensaries) (Microscopic Centres) | | 10,713 |
| | Positive | .. | 419 |
| | Negative | .. | 10,294 |

“Performance Budget :—

The performance budget has been introduced from 1976-77. The details in respect of the target laid down and the target achieved are enclosed. The reasons for shortfalls and steps for maximising the Output performance are also briefly stated in the table No. 1.

Dr. A. P. RAO
Medical Superintendent,
Group of T. B. Hospitals

TABLE No. I
Group of T.B. Hospitals, Sewri.
Performance Targets and Achievements—Hospitals

| | Target laid down | Target Achieved | Remarks. |
|-------------------------------------|------------------|-----------------|--|
| 1 Indoor Cases | 13,000 | 12,507 | } Due to strike of Municipal Employee. |
| 2 Operations (Nos.) | 100 | 153 | |
| 3 Follow-up Examination | 8,100 | 6,647 | |
| 4 Patients kept on | 350 | 317 | |
| 5 X-rays— | | | } Due to shortage of X-ray Films. } Screening is done as and when required. |
| (a) Mass Miniature Radiography | 20,000 | 19,004 | |
| (b) Big Plates (Nos.) | 8,300 | 7,049 | |
| (c) Screening Exams. (Nos.) | 300 | 195 | |
| 6 Pathology— | | | } Pathology Test is done as and when required. |
| (a) Blood | 21,000 | 13,393 | |
| (b) Sputum | 38,000 | 47,824 | |
| (c) Urine | 12,000 | 11,627 | |
| (d) Stools | 150 | 221 | |
| (e) Histopathology | 400 | 360 | |
| (f) Sensitivity Test | 1,000 | 1,772 | |
| (g) Pleural Fluids & Biochemistry | 7,000 | 5,972 | |
| (h) Blood Bank | 2,000 | 1,976 | |
| (i) Serology | 100 | 403 | |

Dr. A.P. RAO,
Medical Superintendent,
Group of T.B. Hospitals

PROGRAMME WORK—LOAD SUMMARY OF T. B. CLINICS.

| 1983 | R.D.T.B. Clinic Dadar. | | Samaidas Gandhi Marg. T. B. Clinic. | | Balaram St. T. B. Clinic | | M. M. Munshi T.B. Clinic. Khar | | Nawab tank T. B. Clinic. | | Sub-T. B. Clinic Bhabha Hospital Kurla | | REMARKS |
|-----------------------------------|---------------------------|--------------------|---|--------------------|-----------------------------|--------------------|--------------------------------------|--------------------|-----------------------------|--------------------|--|--------------------|--|
| | Target laid down | Target achieved | Target laid down | Target achieved | Target laid down | Target achieved | Target laid down. | Target achieved | Target laid down. | Target achieved | Target laid down | Target achieved | |
| I.—OUTDOOR CASES | | | | | | | | | | | | | |
| (a) T. B. Cases ... | 4,000 | 4,502 | 1,200 | 1,234 | 1,600 | 1,594 | 6,100 | 7,580 | 900 | 1,089 | 2,900 | 3,498 | (1) The X-ray Machines R. D. T. B. Clinic Pr Street T. B. Clinic & Nawab Tank T.B. Clinic were not working intermittently. |
| (b) Non-T. B. Cases ... | 1,100 | 2,453 | 6,060 | 2,157 | 2,000 | 3,880 | 5,000 | 5,280 | 700 | 1,334 | 1,200 | 1,371 | |
| Total ... | 5,100 | 6,955 | 7,200 | 3,391 | 3,600 | 5,474 | 11,100 | 12,860 | 1,600 | 2,423 | 4,100 | 4,869 | |
| II.—X-RAYS | | | | | | | | | | | | | |
| (a) Mass Miniature Radiography | 10,000 | 14,256 | 11,500 | 2,956 | 5,000 | 10,916 | 11,000 | 12,986 | 5,000 | 4,744 | Shown under R.D.T.B. Clinic Dadar | | (2) Screening is done as and when required. |
| (b) Big Plates | 100 | 162 | 300 | 67 | ... | 159 | 700 | .. | ... | ... | ... | ... | (3) Pathology Examination are done as and when required. |
| (c) Screening ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| III.—PATHOLOGY | | | | | | | | | | | | | |
| (a) Blood Exam. ... | 100 | 69 | 1,100 | 385 | 100 | 543 | 200 | ... | 100 | 27 | ... | ... | |
| (b) Sputum ... | 6,000 | 7,123 | 4,100 | 3,755 | 4,000 | 6,278 | 9,000 | 11,060 | 2,100 | 2,746 | 3,200 | 3,905 | |
| (c) Urine ... | ... | ... | 10 | 5 | 5 | 3 | 200 | ... | 20 | 3 | ... | ... | |
| (d) Stool ... | ... | ... | ... | ... | 5 | 1 | 5 | ... | 2 | ... | ... | ... | |
| IV.—Health Visiting | 500 | 952 | 200 | 1,060 | 1,100 | 1,984 | 2,000 | 1,412 | 400 | 1,708 | 400 | 705 | |

Dr. A. P. Rao
Medical Superintendent,
Group of T. B. Hospitals

| Serial No, | Designatio | Name of the Officer | Qualification | Period | Remarks |
|---------------|------------------------|------------------------|---|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Medical Superintendent | Dr. A. P. Rao | M. D., T. D. D. F.C.C.P. (U.S.A.) M.I.P.H.A. (Cal.) | Nil. | Nil. |

Seth A. J. B. Municipal E. N. T. Hospital

HIGH LIGHTS :

| | | | | | Rs. | P. |
|-------------------------------|-----|-----|-----|-----|----------------|----|
| I.— (A) 1. On In-Patient | ... | ... | ... | ... | 18,42,272.66 | |
| 2. On Out-Patient | ... | ... | ... | ... | ,, 9,21,136.33 | |
| (B) Average Cost : | | | | | | |
| 1. Per In-Patient per day | ... | ... | ... | ... | ,, 168.72 | |
| 2. Per In-patient admission | ... | ... | ... | ... | ,, 391.04 | |
| 3. Per Out Patient attendance | ... | ... | ... | ... | ,, 9.60 | |
| 4. Per Out Patient admission | ... | ... | ... | ... | ,, 16.42 | |

II.—Results :

| | | | | | | |
|---|-----|-----|-----|-----|--------|--|
| (A) 1. Scheduled Bed Strength | ... | ... | ... | ... | 100 | |
| 2. Daily Average In-patient in wards | ... | ... | ... | ... | 35 | |
| 3. Admission including those brought over previous year (4607+43)=4650 | ... | ... | ... | ... | | |
| 4. Patients Discharged | ... | ... | ... | ... | | |
| (i) as Cured | ... | ... | ... | ... | 4,624 | |
| (ii) as Unchanged | ... | ... | ... | ... | — | |
| (iii) as Left against Medical advice | ... | ... | ... | ... | 4 | |
| (iv) Expired | ... | ... | ... | ... | 4 | |
| (v) Patients Remained in the hospital on last day of the year | ... | ... | ... | ... | 18 | |
| 5. Average stay of the In-patients (In days) | ... | ... | ... | ... | 3.80 | |
| (B) 1. Patients (New) | ... | ... | ... | ... | 56,068 | |
| 2. Daily average of Out patients(new)... | ... | ... | ... | ... | 151 | |
| 3. Out Patients (New & Old) | ... | ... | ... | ... | 95,886 | |
| 4. Daily average of Out Patients attendance | ... | ... | ... | ... | 314 | |

Seth A. J. B. Municipal E. N. T. Hospital.

The Municipal Ear, Nose & Throat Hospital which was started in December 1962 at Improvement Trust Building has been renamed as Seth Atmashing Barkebihari Municipal E. N. T. Hospital.

The Scheduled bed strength of the hospital is 100. But as the hospital building is under repairs since 13-5-1982, only 50 to 30 beds out of 100 were commissioned for patients admitted in the hospital during the year. 4474 operations were performed on In-patients. In Pathology Department totally 44,354 investigations were performed.

| | |
|------------------------|--------|
| (a) Clinical Pathology | 42,351 |
| (b) Bio-Chemistry | 928 |
| (c) Histo-pathology | 1,075 |

An Audiology Room for full comprehensive hearing tests of handicapped individuals with services of speech therapist are also available in this hospital. In audiology speech therapy Department 5834 audiograms including 1027, post-operative audiograms were recorded. 358 Speech therapy cases were treated.

An amount of Rs. 14,206.51 was collected through the poor Boxes during the year. Tracheostomy tubes, blood Transfusion and tiflon piston were provided to the poor and deserving patients at part full cost through Poor Box Fund.

Yoga Research studies have been undertaken in the areas of stammering and allergic rhinitis and E. N. T. problems. The preliminary results of the yogic treatment are encouraging. Besides diabetic patients have also been attending for Yogic treatment. The Hon. Yoga therapist, Shri A. T. Mulla, was invited to present his paper, "How yoga works in Diabetes" at the 11th I. D. P. Congress at Nairobi (Kenya) in November 1982.

A Diabetes Detection Drive was also organised by Yoga Therapy Centre, Birla Krida Kendra on Sunday 6th March 1983 under the Supervision of Dr. M. M. Vaidya and Mr. A. T. Mulla.

Dr. J. T. Shah Hon. E. N. T. Surgeon and Shri A. T. Mulla presented a paper on "Yoga and Some of the E. N. T. problems" at the E. N. T. conference, Trivendrum in January 1983.

| | No. of posts | |
|---------------------------------|--------------|---------------|
| The Medical staff consisted of | | |
| (a) Honorary Surgeons. | 7 | } (Part-time) |
| (b) Honorary Assistant Surgeons | 3 | |
| (c) E. N. T. Registrars | 5 | |
| (d) E. N. T. House Surgeons. | 5 | |
| (e) Junior A. M. O. | 2 | |
| (f) Anaesthetist (Part-time) | 1 | |
| (g) Pathologist (Part-time) | 1 | |
| (h) Hon. Asst. Radiologist. | 1 | |
| | <hr/> | |

Nursing staff consisted as following

| | |
|--------------------|----|
| (i) Senior Sister | 1 |
| (ii) Sisters | 6 |
| (iii) Staff Nurses | 26 |

Rs. 16,88,240.66 P. have been spent on establishment of the Hospital during the year.

Dr. (Smt.) S. C. BASRUR,
Assistant Medical Officer.

Seth V. C. Gandhi and M. A. Vora Municipal General Hospital, Rajawadi, Ghatkopar

Highlights : I—Expenditure.

| | Rs. |
|---------------------------------|------------------|
| (A) (1) On in-patients | 1,25,73,220 |
| (2) On out-patients. | 62,86,610 |
| (B) Average Cost per. | |
| (1) In-patient per day. | 75.98 |
| (2) Out-patient per day | 9.37 |
| | (See Appendix V) |

II—Results-In-patients

| | |
|---|--------|
| (A) (1) Scheduled Bed Strength | 559 |
| (2) Daily average in-patient in wards. | 453 |
| (3) Admissions including those brought over from previous year. | 29,833 |
| (4) Number of patients discharged as | |
| (i) Relieved | 9,000 |
| (ii) as cured | 8,310 |
| (iii) Otherwise | 10,534 |
| (iv) Expired | 1,566 |
| Within 24 hours | 649 |
| After 24 hours | 321 |
| Exceeding 3 day | 596 |
| (v) Remained in the hospital on the last day of the year. | 423 |
| (vi) Daily average number of admissions. | 80 |
| (vii) Average stay of in-patients (In days) | 6 days |
| (viii) Highest number of in-patients in a single day. | 536 |

(B) Out patients.

| | |
|--|----------|
| (i) New Out patient attendance | 1,05,275 |
| (ii) Daily average number of new out-patients. | 351 |
| (iii) Highest O. P. D. attendance on a single day. | 696 |
| (iv) No. of casualty attendance | 62,540 |

| | |
|---|------|
| (C) (1) Operations on in-patients | 2471 |
| (2) Operations on out-patients | 9213 |

(D) Confinements

| | |
|----------------------------------|-------|
| (i) Booked cases | 7,626 |
| (ii) Emergency cases | 190 |
| (iii) Normal | 5,204 |
| (iv) Abnormal | 552 |
| (v) Left before delivery | 294 |

Neo-natal and Maternal deaths—

| | |
|--|-----|
| (i) Maternal deaths. | 23 |
| (ii) Neo-natal deaths. | 78 |
| (iii) Still-Births. | 367 |
| (iv) Premature live born infants | 253 |

Specialised treatments.

| | |
|---|-----|
| (i) Sterilization (Male) | 266 |
| (ii) Sterilization (Female) | 796 |
| (iii) I. U. C. D. (inserted) | 192 |
| (iv) Medical termination of Pregnancy | 474 |

Court cases attended by R. M. Os—106 (Metroopolitan magistrates) Sessions court—29.

Direct summons to R. M. Os.—2 Claims Tribunal Court attended by clerk—68.

This Hospital continued to render Medical Relief to the sick in the North East Suburbs of Bombay.

Dr. M. J. Nerurkar, M.S. held the post of Medical Superintendent during the year and he was in addition assigned the function of effective control and development of suburban Hospital from 13-5-82.

Dr. V. M. Jaisinghani held the post of A. M. O. (Administration).

This Hospital runs the following Departments —

(1) Medical (including E. C. G. facilities) (2) Surgical including minor surgery, (3) Paediatrics, (4) Gynaecology and Obstetrics including Antenatal and Postnatal clinics, (5) E. N. T. (6) (6) Orthopaedics, (7) Skin & V. D. (8) Ophthalmology, (9) Phychiatry O.P.D. (10) Dental O. P.D. (11) O. T. and P. T. (12) Blood Bank (13) Pathology Laboratory (14) Family Planning (15) Audiology and Speech therapy. (16) Audiology and Speech therapy. (17) Evening Dispensary (Municipal Staff 6.30 to 8 P. M. daily except Sunday and Bank Holiday) (18) Anti rabic (2 to 3. 30 P. M. daily except Sunday and Bank Holiday) (19) Casualty (20) Radiology, (21) International Health Certificates (daily except Sunday and Bank Holiday) (22) M. S. W. department, (23) School Clinic (24) T. B. Clinic (25) Immunization Clinic (9A. M. to 11 A.M.) (26) Intensive care Unit with separate section for acute cardiac cases.

(1) Medical Department :—

The Department of Medicine consists of 3 part time Units each manned by Honorary Professional Doctors. Each Unit functions twice a week. (Appendix III & IV).

(2) Surgical :—

The department of Surgery consists of 2 part time and one full time units, Two part time units are manned by Honorary Surgeons and the full time unit under the direct supervision of Dr. M. J. Nerurkar, Medical Superintendent. Each unit functions twice a week. (See Appendix—III & IV).

(3) Department of Paediatrics :—

The Department consists of one part time unit under Hon. Professors of Paediatrics/Hon. Pediatrician. The Department functions daily except Sunday and O. P. D. holiday. (See Appendix III & IV).

(4) Gynae and Obstetric Department including Ante/Post natal :—

This Department consists of 3 part time units under Hon. Professors and Asstt. Professors of Obstetrics and Gynaecology. Each unit functions twice a week. (See Appendix III & IV)

(5) E. N. T. :—

This Department consists of one part time unit under Hon. E.N.T. Surgeon/Hon. and Prof. of E. N. T. and functions twice a week. (See Appendix III & IV)

(6) Orthopaedic Department :—

This Department consists of only one unit under the charge of Hon. Professor of Orthopaedic Surgery and Hon. Orthopaedic Surgeons. This Department functions twice a week. (See Appendix III & IV)

(7) Skin and V. D. :—

This Department functions on all days except Sundays. This Department consists of only Part time unit which is under charge of Hon. Professor of Dermatologist. (See Appendix—III & IV).

(8) Ophthalmology Department :—

This Department consists of one part time unit under Hon. Professor of Ophthalmology / Hon. Ophthalmologist and functions twice a week. (See Appendix—III & IV).

(9) Psychiatric Department :—

This department consist of one part time unit under Hon. Psychologist and functions on all days except Sundays. (See Appendix III & IV)

(10) Dental :—

This department consists of one part time unit under Hon. Dental Surgeon and functions on all days except Sundays.

| | Old | New |
|---------------------------|-------|------|
| (1) No. of Patients. .. | 10839 | 3986 |
| (2) No. of extractions .. | 3714 | |
| (3) No. of Fillings. .. | 479 | |
| (4) No. of Scalings .. | 537 | |
| (5) No. of Surgeries. ... | 74 | |

(11) Family Planning :—

This Department is looked after by the Family Planning Officer and functions on all days of the week except Sunday. (See Appendix VII)

(12) O. T. P. T. Department :—

Functions on all days of the week except Sunday.

Yearly workload is as under :

| | |
|--------------------|--------|
| Indoor attendance | 52655 |
| O. P. D. | 41358 |
| Sarvodaya Hospital | 31953 |
| | <hr/> |
| | 125966 |

(13) International Health Certificate :—

This Department functions on all days of the week except Sunday, Saturday and Holidays. People desiring Health Certificate for going abroad attend this centre between 2.00 P. M. to 3.30 P. M.

Anti Cholera 993, T.B.

(14) Municipal Staff O. P. D. :—

The O. P. D. functions daily except Sunday between 6.30 P. M. to 8 P. M. for Municipal Employees. Municipal employees are examined by the A.M.O. on duty. (See Appendix III & IV)

(15) School Clinic :—

Functions on all days except Sunday. Children from neighbouring Municipal School are brought to the O. P. D. for examination, treatment, etc., during the afternoon session. (See Appendix IX)

(16) T. B. Clinic :—

Functions on all working days except Sundays. This clinic is under the control of Hon. T. B. Specialist and A. M. O.,

T. B. Clinic renders treatment to the old and new patients who are suffering from pulmonary tuberculosis. The patients are referred from surrounding dispensaries and by other doctors practicing in the vicinity of this hospital. 1982 was earmarked for an antituberculous campaign and this hospital contributed fully towards the success of this campaign.

The analysis of the patients treated is as below :

| | | | |
|---|-----|--------------|-------|
| New patients | 524 | Old patients | 15114 |
| Patient's transferred to T. B. Hospital | 63 | | |

(17) Immunization Clinic :

Functions on all days except Sunday between 9.00 A. M. and 11.00 A. M. Triple Polio and B. C. G. Vaccine are giving to children at this Clinic.

| Immunization | 1st dose | 2nd dose | 3rd dose | Total |
|----------------|----------|----------|----------|-------|
| Triple Vaccine | 1570 | 1322 | 1133 | 4025 |
| Polio Vaccine | 1639 | 1361 | 1149 | 4149 |
| B. C. G. | 5326 | | | |

LIBRARY

The total number of books added to the Library during the year 1982 was 60 as against 63, during the previous year. Two books are to be received.

Shri Manilal Harakhchand Nandu has donated one medical book to our Medical Department.

The Library had subscribed towards 37 Medical Journals as against 15 in the previous year. Total 111 Journals were bound.

The Library had at the end of the year 921 books as against 861 during the previous year. Some of the issues have not been received yet. They are likely to be received within a short period

Intensive Care Unit

The Intensive Care Unit was started at this hospital from May 1979. Cases were transferred to I. C. U. The cases admitted during the year as follows.

| | |
|--------------------------------|------|
| Indoor admission | 936 |
| Indoor attendance | 2748 |
| Percentage of Expired Patients | 27% |

ELECTRIC CARDIOGRAM SECTION

| | |
|----------------------------|-------------|
| E. C. G. Indoor Patients | 4585 |
| E. C. G. O. P. D. Patients | 3197 |
| Total | 7782 |

RADIOLOGY

Total No of patients X-rayed.

| | |
|--------------|--------------|
| Indoor | 11796 |
| Out-door | 15666 |
| Total | 27462 |

BLOOD BANK REPORT

This year all attempts were made to increase the percentage of replacement of Blood collection and maintained the balance between collection and the utilization of the blood satisfactorily. New set up of rules and regulations were introduced by the Federation of Blood Bank, which were adopted by this blood bank being a member.

Drives from Kurla to Ambarnath were arranged by different organisers with the new policy adopted by the Federation. It was very difficult to collect Blood from Voluntary Blood Donors. Organisers are still organising Blood Donation camps but the response from the Voluntary Blood Donors is poor. Special efforts had to be made to meet the demands by persuading relatives and friends to replace the blood.

The Lions club of Ghatkopar and the Somayya College of Commerce, Arts and Science arranged Blood Donation Camps and in the time of emergency in our hospital they have sent their voluntary Donors to our Blood Bank.

A detailed report of the Blood collection and utilisation of Blood is as under —

| | | | | | | |
|---|----|----|----|----|----|------|
| 1. Voluntary Donors | .. | .. | .. | .. | .. | 929 |
| 2. Replacement Donors | .. | .. | .. | .. | .. | 766 |
| 3. Blood brought from other hospitals | .. | .. | .. | .. | .. | 604 |
| 4. Blood Bottles used in th Hospital | .. | .. | .. | .. | .. | 1765 |
| 5. Blood Bottles sent to other hospital | .. | .. | .. | .. | .. | 188 |
| 6. Blood Bottles sent for plasma providing | .. | .. | .. | .. | .. | 170 |
| 7. Discarded bottles of blood | .. | .. | .. | .. | .. | 19 |
| 8. Transfussion given from the total collection | .. | .. | .. | .. | .. | 1826 |

Audiology & Speech Therapy Deptt.

| | | | | | | |
|---------------------------|----|----|----|----|----|-----|
| Total no of Audiograms | .. | .. | .. | .. | .. | 536 |
| Total No. of Speech cases | .. | .. | .. | .. | .. | 100 |

Equipment present in this Department :

- | | |
|--------------------------|----------------|
| (1) Puretone Audiometer | Arphi 700 Mkv. |
| (2) Impedance Audiometer | (out of order) |
| (3) Hearing aid | |
| (4) Teaching aids. | |

Arphi Aucaustic Impedence Audiometer model ZAR 1001 company has discard this model as it is unrepairable and company is ready to give compensation for it. They have made an alternative offer of an imported machine which is being considered.

Type of Speech cases :

| | | | | | | |
|---------------------|----|----|----|----|----|----|
| (1) Voice | .. | .. | .. | .. | .. | 14 |
| (2) Hard of Hearing | .. | .. | .. | .. | .. | 27 |
| (3) Mental retarded | .. | .. | .. | .. | .. | 3 |
| (4) Aphasia | .. | .. | .. | .. | .. | 7 |
| (5) Dysarthria | .. | .. | .. | .. | .. | 5 |
| (6) Dyslalia | .. | .. | .. | .. | .. | 10 |
| (7) Cleft pal te | .. | .. | .. | .. | .. | 2 |
| (8) Nasaling | .. | .. | .. | .. | .. | 1 |
| (9) Stammering | .. | .. | .. | .. | .. | 17 |
| (10) Delayed speech | .. | .. | .. | .. | .. | 4 |
| (11) Language | .. | .. | .. | .. | .. | .. |
| (12) Laryngectomy | .. | .. | .. | .. | .. | 2 |
| (13) Cerebral Palsy | .. | .. | .. | .. | .. | — |

Requirement of this department : Sound proof room.

PSYCHIATRY O. P. D.

The Psychiatry O.P.D. was started in October 1978. The old and new patients are examined and treated at the O.P.D. No. 13(A) between 1.30 P.M. and 4.00 P.M. as follows.

New cases : Monday, Wednesday, Friday
Old cases : Tuesday & Thursday
Refer from wards Tuesday & Thursday.

The number of patients treated are as follows :

| | | | | | | |
|----------------------|----|----|----|----|----|------|
| New patients | .. | .. | .. | .. | .. | 726 |
| Old patients | .. | .. | .. | .. | .. | 2922 |
| Referred from wards. | .. | .. | .. | .. | .. | 44 |

The table showing diagnosis-wise distribution of patients during 1982.

| Diagnosis | No of patients 1982 |
|--|------------------------|
| (1) Psychosis | |
| (a) Schizophrenia | 174 |
| (b) M.D.P. (i) Mania | 13 |
| (b) M.D.P. (ii) Depression | 40 |
| (c) Organic Psychosis | 16 |
| (2) Neurosis | |
| (a) Anxiety Neurosis | 62 |
| (b) Hysterical conversion Reaction | 8 |
| (c) Neurotic depression | 304 |
| (3) Personality disorder & addiction | 6 |
| (4) Psycho somatic disorders | 3 |
| (5) Epilepsy | 26 |
| (6) Mental Subnormality | 20 |
| (7) Miscellaneous | 21 |
| (8) Nil active Psychiatric | 4 |
| (9) Undiagnosed | 29 |
| Total | 726 |

Other treatments :

(a) E. C. T.

Patients for E. C. Ts. are called on Monday and Friday.

| Year | No of cases | No. of E. C. Ts. |
|------|-------------|------------------|
| 1982 | 93 | 321 |

(b) Social case work

The social worker attends Psychiatry O.P.D. from Monday to Friday from 1.30 P.M. to 4.00 P.M. The duties performed by her are as follows :—

(i) Collecting psychiatric history of all the new cases.
(Total no of Patients this year are 726).

(ii) Social case work & counselling :

The patients who are in need of social case work are referred to Medico-Social worker. This year 20 patients were referred for social case work and counselling. Each case is interviewed 10 to 15 times. Each interview lasted for about half an hour to one hour.

The number of sessions this year is 85.

c) Occupational Therapy :

From June 1982 patients were referred for observation and rehabilitation. They performed the activities like leather purse, handkerchief envelope making, painting, cord knotting, card writing & folding, copy writing & recreational activities like jigsaw-puzzles, master mind, marionette and playing, drawing.

This year 11 patients were referred to occupational therapy Deptt. The number of sessions were 279. Each session lasted for approx 2 hours.

(d) The cases in need of Psychological testing like I. Q. Roschach Ink-block Test M.M.M.I. were referred to other hospital as clinical Psychologist is not as staff member.

MEDICO SOCIAL WORKER (GENERAL SECTION-I)

I Total No. of cases referred during the year 1982 under different categories are as under :
Timing from 9.00 A. M. to 1.00 P. M.

| Categories | New patients | Old patient |
|---|--------------|-------------|
| (i) Pradiatric cases for nutritional Clinic & Skimmed milk powder. and Bal Amul | 15 | 21 |
| (ii) Medical Aid | 321 | 450 |
| (iii) Unmarried mothers for M. T. P. | 8 | 20 |
| (iv) Misce, (i.e. for other reasons such as adoption of job & case work etc.) | 5 | 9 |
| Total No. of Cases | 349 | |

| | | |
|-----|---|----|
| II | Cases carried over | 63 |
| III | Case work done on No. of cases | 6 |
| IV | No. of Social Service Institutions and Agencies contacted for donations and other material help | 12 |
| VII | Handled the N. S. S. project of | |
| | (i) Somayya college of Arts & Commerce. | |
| | (ii) Somaiya College of Science | |
| | (iii) Smt. P. N Doshi womens College | |
| | (iv) Smt. S. K. Somayya Junior college of education. | |

Recreational projects like decorations on Diwali & X' mas eve are arranged with the help of N. S. S. students.

(v) Since October 1982 schedule and costly medicines are supplied to the O.P.D. patients daily from S. S. Deptt. between 9.00 A.M. to 12.30 P. M. Daily approximately 100 patients comes to S. S Deptt. for these medicines,

(vi) In addition to above duties, since May 1982 Social worker assesses the indoor patients for over stay charges.

The social worker attends Psychiatry O.P.D. from Monday to Friday from 1.30 P.M. to 4.00 P.M. The duties performed by her are as follows.

- (i) Taking down the complaints and family history of newly registered patients.
- (ii) Social case work and counselling

This year 58 Patients were and referred for Social Case work and counselling

MEDICO SOCIAL WORKER (GENERAL SECTION) II

- | | | |
|-----|--|-----|
| (1) | No. of cases referred during the year, | 449 |
| | (i) Cases carried over | 22 |
| | (ii) Blood Bank cases handled | 72 |
| | (iii) Blood Donation Drives attended | 2 |
- (1) Arranged by Abhay Kala Krida Mandal A/12/4 Barve Nagar, Ghatkopar.
(2) Somayya College.
- (2) Case work done 9 cases
(3) Medicine supplied 351 pts.
(4) Orthopaedic appliances i.e. Crutches, calipers L. S. Belt, Toilor Brace, Abdominal belt etc. supplied to 111 patients. Spectacles have been provided by Narayan Seva Mandal to poor patients.
(5) Implants (Orthopaedic) like S. P. Pining, Screw nailing, Tibia Nailing provided on deposit basis and on part payment to the Orthopaedic patients. 60% recovery is met from the patients as per their social economic condition and per capita income, rest of the amount is sanctioned from Poor Box Fund. Implants provided on concessional rates to 29 patients.

In deserving cases of Poor-socio economic group the appliances were given free of charge or with help from social institutions viz.

- (1) Narayan Seva Mandal.
- (2) Abhyabhilasha Mandal.
- (3) Lions club of Ghatkopar.

6. No of Institution visited during the year—3

- (i) All India Institution of Physical Medicine & Rehabilitation, Haji Ali.
- (ii) K. E. M. Hospital, Parel
- (iii) Sarvodaya Hnsptal, Ghatkopar.

(7) Attended problems of 39 discharged patients having no relatives. Two patients were sent to native place (i.e.) U.P. & M.P. by paying their railway fare.

Handled N.S.S. Project—Somayya college, Vidyavihar, S. P. N. Joshi College for womens, Ghatkopar.

DIET DEPARTMENT

A dietician was appointed on 1-3-1982. She has improved the food distribution and given dietetic advice to 378 patients. She informs the Medical Superintendent regarding charges and improvements and reports regularly. She has undertaken training of dietitic students too. She given nutrition rehabilitation lectures to the mothers in the paediatric ward.

SPECIAL CLINICS

Diabetic Clinic is conducted by Dr. (Smt.) S. A. Talwalkar (Hon. Physi.) on her O.P.D. days *i.e.* on Tuesday and Friday.

Gastroenterology Clinic is conducted by Dr. H. G. Dalvi (Hon. Physi.) on his O.P. D. days *i.e.* on Tuesday and Friday.

Paediatric Surgery clinic is conducted by Dr. V. S. Waigankar, Hon. Assistant Surgeon on his O.P.D. days *i.e.* on Wednesday and Friday.

SARVODAY HOSPITAL

Hundred beds have been reserved of Sarvodaya Hospital, Ghatkopar, for treating convalescent Orthopaedic Patients from Suburban Municipal Hospitals in the Eastern and Western Suburbs.

A course in internal fixation was conducted by Dr. S. D. Mehta wherein participants from all over India were represented. The hospital continued to impart training to interns and few undergraduates from T. N. M. College.

High lights during the year under report (Comparison between 1981-1982).

No of inpatients has decreased from 33,366 to 29,332.

Daily average of inpatients has decreased from 496 to 496. Total indoor attendance has decreased from 181212 to 165479. The O.P.D. attendance (New) including Casualty is decreased from 2,16,956 to 167813. The daily O.P.D. average of new patients is decreased from 516 to 351. The no of operations has decreased from 1,51,34 to 11684, The total expenditure has increased from 1,79,66,870 to 1,88,59,83.

The staff of this hospital is as below :

| | | | |
|-------------------------|-------|-----------------|-----|
| Medical | — 101 | Administrative— | 70 |
| Nursing | — 204 | Labour .. | 541 |
| Paramedical and others— | 94 | | |

POOR BOX FUND COLLECTION

Donations received— Rs. 702.00
Amount collected from the boxes— Rs. 6,112.90
Amount spent on medicines for patients— Rs. 9,961.58

The following equipment purchase during the year 1982.

| Name of the equipment | Name of the company | Amount. |
|------------------------------|--|------------------|
| Olympus Duodeno Fibers cope. | Messrs. Olympus Optical Co. Ltd. Japan. | Rs. 68,658.55 |

FUTURE DEVELOPMENT

The work of Construction of Coroner's Court at this hospital cannot be taken up in hand as the plot is encumbered with hutments. Similarly the proposal to start nurses training school also cannot be proceeded with unless student nurses quarter's class room and family quarters for the staff are constructed. The plot for this is also encumbered by hutment dwellers.

DEFICIENCIES AND SHORT COMINGS

The existing O.P.D.'s are still not well situated and results in overcrowding. This is some what controlled by segregating Gynaec. and Obst. O.P.D.s temporarily since 1978. Many of these ground floor structures are deficient in ventilation, leak heavily in monsoon and become hot and stuffy in hot seasons.

The Medical Records Department is hampered for want of adequate place for its smooth function. A proposal to house it in a shed to be constructed on the terrace of the old hospital's building as a temporary measure, has been turned down by the architect as the building is old. Efforts are still being made to erect a shed on the terrace with support of wall and atleast use it as a record room for medical record department which also is required to be given on urgent basis.

There is a dearth of qualified and full trained nurses and anaesthetists at this hospital. The R. M. Os quarters need to be expanded to accommodate more doctors for its expanding activities.

1982 was the year of financial stringency no new work or project was undertaken and the stress was on maintaining the services to the optimum.

APPENDIX No. 1
Distribution of beds according to departments and Sex.

| Department | Male | Female | Children | Total |
|---------------|--------------|------------|-----------|------------|
| Medical | 34 | 35 | .. | 69 |
| Surgical | 57 | 27 | .. | 84 |
| Burns | .. | 12 | .. | 12 |
| Gynaecology. | .. | 51 | .. | 51 |
| Obstetrics. | .. | 108 | .. | 108 |
| Paediatrics | .. | .. | 76 | 76 |
| Ophthalmic. | 20 | 13 | .. | 33 |
| Skin & V. D. | 10 | 10 | .. | 20 |
| E. N. T. | 16 | 15 | .. | 31 |
| Orthopaedics. | 19 | 20 | .. | 39 |
| M. I. C. U. | 7 | 4 | .. | 11 |
| Side Rooms | Medical | 8 | 2 | } 25 |
| | Surgical | 2 | .. | |
| | Obstetrics. | .. | 2 | |
| | Gynaec | .. | 9 | |
| | Orthopaedics | 1 | 1 | |
| Total | 174 | 309 | 76 | 559 |

APPENDIX No. II.
No. of accident cases treated.

| Sex. | Treated in Casualty Department 1982 | Admitted through Casualty Department. |
|----------------------|-------------------------------------|---------------------------------------|
| Male | 1,932 | 11,929 |
| Female | 952 | 5,260 |
| Children } } Male | 555 | 1,989 |
| | Female | 349 | 1,580 |
| Total | 3,788 | 20,758 |

APPENDIX No. III

Statement Showing the out-patients (New O. P. D. Casualty) in Rajawadi Hospital during the year 1982, Classification department, sex and age.

| Department | O. P. D. New Cases | | | | Total | Casualty Cases | | | | Total | |
|----------------|--------------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|-------------|-------------|--------------|
| | Male | Female | M/ch. | F/ch. | | Male | Female | M/ch. | F/ch. | | |
| Medical | 11190 | 8961 | .. | .. | 20151 | 8841 | 5128 | .. | .. | 13969 | |
| Surgical | 5990 | 2276 | 1436 | 830 | 10532 | 16640 | 3914 | 2455 | 1261 | 24270 | |
| Ophthalmic | 1778 | 1428 | 271 | 210 | 3687 | 1299 | 227 | 137 | 54 | 1717 | |
| Gynaec. | .. | 7606 | .. | .. | 7606 | .. | 4486 | .. | .. | 4486 | |
| Dental | 1671 | 1610 | 403 | 302 | 3986 | 247 | 147 | 48 | 26 | 468 | |
| Skin and V. D. | 4335 | 1795 | 1473 | 1373 | 8976 | 564 | 177 | 86 | 69 | 896 | |
| E. N T. | 1350 | 1205 | 577 | 507 | 3639 | 1052 | 485 | 626 | 414 | 2577 | |
| Orthopaedics | 2514 | 1557 | 546 | 384 | 5001 | 2853 | 809 | 1055 | 535 | 5252 | |
| Psychiatric. | 309 | 315 | 25 | 14 | 663 | .. | .. | .. | .. | .. | |
| Paediatrics. | .. | .. | 5634 | 4751 | 10385 | .. | .. | 5111 | 3794 | 8905 | |
| Maternity | .. | 9013 | .. | .. | 9013 | .. | .. | .. | .. | .. | |
| New Born | .. | .. | 838 | 705 | 1543 | .. | .. | .. | .. | .. | |
| Anti Rabie | 1198 | 601 | 1290 | 713 | 3802 | .. | .. | .. | .. | .. | |
| T. B. | 338 | 173 | 10 | 2 | 523 | .. | .. | .. | .. | .. | |
| B. M. E. | 2238 | 1260 | 920 | 658 | 5076 | .. | .. | .. | .. | .. | |
| B. C. G. | .. | .. | 2286 | 1966 | 4252 | .. | .. | .. | .. | .. | |
| Polio Triple | .. | .. | 3408 | 3030 | 6438 | .. | .. | .. | .. | .. | |
| Total | .. | 32911 | 37800 | 19117 | 15445 | 105273 | 31496 | 15373 | 9518 | 6153 | 62540 |

APPENDIX.—IV.

Summary of In-patients classified according to Department and Sex.

| Deptt. | Sex. | In the hospital on the midnight of 31-12-1981 | Admitted during the year. | Total | Discharged | | Death | Remaining in the hospital on the midnight of 31-12-1982 |
|--------|--------------|---|---------------------------|-------|------------|-----------|-------|---|
| | | | | | cured | Otherwise | | |
| 1. | Medical | | | | | | | |
| | Male | 66 | 3118 | 3184 | 240 | 2681 | 216 | 47 |
| | Female | 34 | 1981 | 2015 | 244 | 1624 | 117 | 30 |
| | M/ch. | .. | .. | .. | .. | .. | .. | .. |
| | F/ch. | .. | .. | .. | .. | .. | .. | .. |
| | Total | 100 | 5099 | 5199 | 484 | 4305 | 333 | 77 |
| 2. | Surgical | | | | | | | |
| | Male | 49 | 2515 | 2564 | 450 | 1952 | 123 | 39 |
| | Female | 16 | 622 | 638 | 90 | 499 | 39 | 10 |
| | M/ch. | 6 | 507 | 513 | 90 | 405 | 12 | 6 |
| | F/ch. | 2 | 217 | 219 | 40 | 164 | 15 | .. |
| | Total | 73 | 3861 | 3934 | 670 | 3020 | 189 | 55 |
| 3. | Ophthalmic | | | | | | | |
| | Male | 15 | 393 | 408 | 109 | 290 | .. | 9 |
| | Female | 7 | 321 | 328 | 95 | 225 | .. | 8 |
| | M/ch. | .. | 23 | 23 | 10 | 13 | .. | .. |
| | F/ch. | 1 | 13 | 14 | 5 | 9 | .. | .. |
| | Total | 23 | 750 | 773 | 219 | 537 | .. | 17 |
| 4. | Gynaec | | | | | | | |
| | Female | 40 | 1866 | 1906 | 400 | 1460 | 9 | 37 |
| | F/ch. | .. | .. | .. | .. | .. | .. | .. |
| | Total | 40 | 1866 | 1906 | 400 | 1460 | 9 | 37 |
| 5. | Skin & V.D. | | | | | | | |
| | Male | 11 | 129 | 140 | 38 | 94 | 1 | 7 |
| | Female | 2 | 50 | 52 | 35 | 15 | 2 | .. |
| | M/ch. | .. | 13 | 13 | 6 | 7 | .. | .. |
| | F/ch. | .. | 8 | 8 | 6 | 2 | .. | .. |
| | Total | 13 | 200 | 213 | 85 | 118 | 3 | 7 |
| 6. | I. C. C. U. | | | | | | | |
| | Male | 4 | 600 | 604 | .. | 441 | 158 | 5 |
| | Female | 2 | 336 | 338 | .. | 246 | 91 | 1 |
| | M/ch. | .. | .. | .. | .. | .. | .. | .. |
| | F/ch. | .. | .. | .. | .. | .. | .. | .. |
| | Total | 6 | 936 | 942 | .. | 687 | 249 | 6 |
| 7. | Orthopaedics | | | | | | | |
| | Male | 33 | 1044 | 1077 | 900 | 128 | 27 | 22 |
| | Female | 14 | 354 | 368 | 20 | 312 | 20 | 16 |
| | M/ch. | 11 | 319 | 330 | 19 | 307 | .. | 4 |
| | F/ch. | 5 | 169 | 174 | 12 | 157 | 2 | 3 |
| | Total | 63 | 1886 | 1949 | 951 | 904 | 49 | 45 |
| 8. | E. N. T. | | | | | | | |
| | Male | 8 | 381 | 389 | 125 | 256 | 3 | 5 |
| | Female | 9 | 282 | 295 | 50 | 231 | 2 | 8 |
| | M/ch. | 1 | 204 | 205 | 100 | 103 | .. | 2 |
| | F/ch. | .. | 145 | 145 | 50 | 92 | 1 | 2 |
| | Total | 18 | 1012 | 1030 | 325 | 682 | 6 | 17 |
| 9. | Paediatrics | | | | | | | |
| | Male | 34 | 2822 | 2855 | 100 | 2474 | 258 | 23 |
| | Female | 17 | 2112 | 2129 | 60 | 1780 | 269 | 20 |
| | Total | 51 | 4933 | 4984 | 160 | 4254 | 527 | 43 |
| 10. | Maternity | | | | | | | |
| | Female | 99 | 8416 | 8515 | 5000 | 3387 | 22 | 106 |
| | Total | 99 | 8416 | 8515 | 5000 | 3387 | 22 | 106 |
| 11. | Burns | | | | | | | |
| | Male | 2 | 33 | 35 | .. | 15 | 18 | 2 |
| | Female | 6 | 210 | 216 | 10 | 58 | 142 | 6 |
| | M/ch. | 3 | 70 | 73 | 4 | 60 | 7 | 2 |
| | F/ch. | 4 | 60 | 64 | 2 | 47 | 12 | 3 |
| | Total | 15 | 373 | 388 | 16 | 180 | 179 | 13 |
| | Grand Total | 501 | 29332 | 29833 | 8310 | 19534 | 1566 | 423 |

APPENDIX—V.

Cost per in patient and out patient per day.

| Year. | Establishment. | Contingencies. | Drugs and Medicines | Diet | Stores and Linen | Repairs Maintenance Special Repairs New Works. | Total. |
|----------------------|----------------|--------------------|-----------------------|--------------------|------------------|--|--------|
| In-Patients. | | | | | | | |
| 1981 | .. 24.40 | 6.80 | 19.70 | 5.50 | 6.60 | 0.20 | 66.10 |
| 1982 | .. 41.51 | 6.81 | 19.74 | 3.42 | 3.74 | 0.76 | 75.98 |
| Out-patients. | | | | | | | |
| 1981 | .. 2.91 | 0.90 | 2.00 | .. | 0.90 | 0.20 | 6.91 |
| 1982 | .. 5.10 | 0.98 | 2.25 | .. | 0.76 | 0.28 | 9.37 |
| Indoor attendance | 165479 | Rajawadi Hospital | O.P.D. attendance | 167813 × 4 (old) = | | | |
| 1982 | 23380 | Sarvodaya Hospital | Ratio 2/3 to 1/3/1982 | 671252 | | | |

APPENDIX VI

PATHOLOGY DEPARTMENT

Department-wise yearly workload of 1982.

Bacteriology & Serology :—

| | | | | | |
|------------------------------|-----|--------|------------------------|----|--------|
| Gram Stain. | ... | 11,187 | Sinoveal Fluid Culture | .. | 12 |
| AFB Stain. | ... | 1,722 | Wound Swab. | .. | 44 |
| Albert Stain. | ... | 156 | Umbilical Swabs. | .. | 53 |
| Clot Culture | ... | 4,565 | Ulcer Swab. | .. | 10 |
| Blood Culture. | ... | 839 | Bronchial aspiration. | .. | 25 |
| Pus Culture. | ... | 694 | Nasal Swab | .. | 32 |
| Urine Culture | ... | 1,234 | Pharyngeal Swab. | .. | 11 |
| Sputum Culture. | ... | 565 | Miscellaneous | .. | 136 |
| C.S.F. Culture. | ... | 1,155 | O. T. Sterility (Swab) | .. | 834 |
| Stool Culture | ... | 181 | | | |
| Throat Swab | ... | 241 | Blood V D R L | .. | 13,257 |
| Eye Swab | ... | 150 | CSF V D R L | .. | 259 |
| Ear Swab | ... | 122 | Blood Bank V D R L | .. | 1,500 |
| Anti biotic Sensitivity Test | ... | 1,583 | Blood Widal | .. | 1,046 |
| Urethral smear | ... | 90 | Blood paul Bannel | .. | 10 |
| Biochemical test | ... | 1,583 | R.A. Test | .. | 600 |
| Pleural Fluid | ... | 553 | Pregnancy Test | .. | 499 |
| Cluture. | ... | | Casonils Test | .. | 10 |
| | | | C.S.F. Widal. | .. | |
| Peritoneal Fluid Cluture | ... | 70 | | | |
| Ascitic Fluid Culuture | .. | 211 | | | |
| Vaginal Swab Culture | ... | 65 | | | |
| Gastric Fluid Culture | ... | 15 | | | |
| Pericardial Fluid Cluture. | ... | 75 | | | |
| Hydrocele Fluid Culture | ... | 11 | | | |

T. B. CLINIC

| | | | | | |
|-----|----|------|--------|----|-------|
| Hb | .. | 3100 | Urine | .. | 3173 |
| CBC | .. | 2081 | Sputum | .. | 13372 |
| ESR | .. | 3200 | | | |

O. P. D. & Indoor routin work.

| | | | | | |
|--------|----|--------|--------------------------|----|--------|
| Hb. | .. | 18,601 | Semen | .. | 1329 |
| TC | .. | 14,762 | Fluid & CSF | .. | 2,517 |
| DC | .. | 14,762 | ANC Hb | .. | 12,823 |
| ESR | .. | 13,749 | BT CT | .. | 17,22 |
| Urine | .. | 21,704 | | | |
| Stool | .. | 8,861 | Central Blood Collection | .. | 31,258 |
| Sputum | .. | 12,792 | | | |

SCHOOL CLINIC

| | | | | | |
|-------|----|-------|--|--|--|
| Hb. | .. | 1,297 | | | |
| TC | .. | 1,046 | | | |
| DC | .. | 1,046 | | | |
| ESR | .. | 535 | | | |
| BT | .. | 387 | | | |
| CT | .. | 387 | | | |
| Urine | .. | 597 | | | |
| Stool | .. | 447 | | | |
| MISC | .. | 135 | | | |

Haematology.

| | | | | | |
|--------------------|----|-------|-------------------|----|-----|
| Haemoglobin | .. | 6,285 | Retic Count | .. | 917 |
| Total Count | .. | 6,281 | Platelet Count | .. | 921 |
| Diff Count | .. | 6,281 | Prothrombin time | .. | 119 |
| E. S. R. | .. | 3,839 | Osmotic fragility | .. | 2 |
| P. C. V. | .. | 1,145 | Bone Marrow | .. | 46 |
| Complete Haemogram | .. | 914 | Sickle cell Test | .. | 53 |
| R. B. C. Count | .. | 914 | L. E. cell test | .. | 68 |
| P. C. V. | .. | 914 | M. P. | .. | 24 |

Histopathology

| | | | | | |
|---------------|----|-------|--|--|--|
| Total Slides. | .. | 4,642 | | | |
| Total blocks. | .. | 4,103 | | | |

Cytology.

| | | | | | |
|------------------------------|----|-----|--|--|--|
| Total No of Samples received | .. | 224 | | | |
| Total No of slides stain, | .. | 448 | | | |

APPENDIX VII

i PHARMACY

| Total quantity of preparation of indoor and out-door patients. | | | |
|--|---|-------|-----------------|
| 1. | Quantity of stock solution preparation | .. .. | 10,613 Litres. |
| 2. | No. of packets of tablets made | .. .. | 60 51,125 Pack. |
| 3. | No. of packets of powder prepared | .. .. | 61,532 Pack. |
| 4. | No. of prescription account kept (O.P.D.) | .. .. | 90,004 Nos. |
| 5. | Special prescriptions attended | .. .. | Nil |
| 6. | Prescriptions where special drugs issued and account is kept. | .. .. | Nil |
| 7. | Syrup simplex | .. .. | Nil |
| 8. | Stock mixture preparations | .. .. | 20,000 Litres. |
| 9. | Ointments prepared | .. .. | 340 Kgs. |

APPENDIX VIII

FAMILY PLANNING

| | | | |
|-----|--|-------|--------|
| 1. | Persons contacted for F.P. education | .. .. | 14 895 |
| 2. | No. of cases given advice | .. .. | 17,250 |
| 3. | No. of active cases following F.P. methods | .. .. | 1,545 |
| 4. | Clinic attendance | .. .. | Nil |
| 5. | No. of persons visited at home— | | |
| | (i) New contacted | .. .. | 1,250 |
| | (ii) Follow up | .. .. | 900 |
| 6. | Vasectomy | .. .. | 266 |
| 7. | T. E. | .. .. | 796 |
| 8. | C-6575 No. of Jelly | .. .. | Nil |
| 9. | I.U.C.D. | .. .. | 192 |
| 10. | Oral Pills | .. .. | 226 |
| 11. | M.T.P. | .. .. | 474 |

APPENDIX IX

SCHOOL CLINIC

The school clinic looks after children from the Municipal Corporation Schools surrounding this hospital.

The analysis of the boys and girls treated at this hospital school clinic is as follows :—

| Department | New Cases | Old Cases | Indoor Cases Admitted |
|--------------|-----------|-----------|-----------------------|
| Paediatric | 964 | 5,299 | 3 |
| Ophthalmic | 622 | 2 634 | 2 |
| E.N.T. | 447 | 3,059 | 35 |
| Skin | 317 | 1,577 | .. |
| Dental | 479 | 1,496 | .. |
| Surgery | 26 | 56 | .. |
| Orthopaedics | 47 | 73 | 2 |
| T.B. | 10 | 73 | .. |
| Total | 2,912 | 14,409 | 40 |

K. B. Bhabha Hospital, Bandra.

This hospital continued to render medical relief services to the sick and needy people in the vicinity of H-Ward area. Dr. (Smt.) P. S. Paralkar, M. D. held the post of Medical Superintendent during the year. The report for the year 1982 is as under :

High Lights :

I — Expenditure—

| | |
|--------------------------------|------------------|
| (A) 1. On inpatients | Rs. 43,97,229.00 |
| 2. On out-patients | Rs. 40,20,697.00 |
| (B) Average cost per— | |
| 1. In-patient per day | Rs. 81.02 |
| 2. Out-patient per day | Rs. 06.37 |

II — Results—In-patients

| | |
|--|--------------|
| (A) 1. Scheduled Bed Strength | 204 |
| 2. Daily average in-patients | 151 |
| 3. Admissions including those brought over from previous year. | 12,427 |
| 4. Number of patients discharged as | |
| (i) Relieved | 125 |
| (ii) as cured | 10,294 |
| (iii) Otherwise | 138 |
| (iv) Expired | 269 |
| (v) Remained in the hospital on the last day of the year | 136 |
| (vi) daily average number of admissions. | 29 |
| (vii) Average stay of in-patients (in a day) | 148 |
| (viii) Highest number of in-patients in a single day | 29-11-81 182 |

(B)—Out-patients—

| | |
|---|------------------|
| (i) New out-patient attendance | 1,53,537 |
| (ii) Daily average number of outpatients. | 2,101 |
| (iii) Highest O. P. D. attendance on a single day | 25-8-81 on 3,136 |
| (iv) No. of casualty attendance | 48,330 |

| | |
|---|-------|
| (C) (i) Operations on in-patients | 911 |
| (ii) Operations on out-patients | 1,942 |

(D)—Confinements—

| | |
|----------------------------------|-------|
| (i) Booked cases | 3,249 |
| (ii) Emergency cases | 302 |
| (iii) Normal cases | 2,953 |
| (iv) Abnormal cases | 304 |
| (v) Left before delivery | 168 |

Neo-natal and Maternal deaths :

| | |
|---|------|
| (i) Maternal deaths | Nil |
| (ii) Neo-natal deaths | Nil. |
| (iii) Still births | 105 |
| (iv) Premature live born infant | 167 |

Specialised treatments :

| | |
|--|------------------------------|
| (i) Sterilization (Male) | 163 |
| (ii) Sterilization (Female) | 618 |
| (iii) I. U. C. D. (insertion) | 116 |
| (iv) Disease-wise distribution of cases treated and deaths including tuberculosis & S. T. D. of all forms. | Enclosed appendix I, II, III |

This hospital conducts the following departments.

- (1) Medical (including E. C. G. facilities)
- (2) Surgical (including minor surgery)
- (3) Paediatric.
- (4) Gynaecology and obstetric including anti-natal & Post-natal clinics.
- (5) E. N. T.
- (6) Skin & S. T. D.
- (7) Ophthalmic.
- (8) Dental.
- (9) O. T./P. T.
- (10) Pathological Laboratory
- (11) Blood Bank.
- (12) Family Planning.
- (13) Municipal Staff dispensary (evening from 6.30 p. m. to 8.00 p. m.)
- (14) Anti-Rabic treatment clinic. (Dog bite)
- (15) Issue and authentication of International Health Certificates and inoculation centre.
- (16) Immunization centre of B. C. G., Polio & Triple between 1.30 p.m. and 3.30 p.m.
- (17) Speech therapy and Audiogram.
- (18) Food handler's Scheme.

Immunization work done during 1982 as under

| Immunization | 1st dose | 2nd dose | 3rd dose | Booster | Total |
|---|----------|----------|----------|---------|-------|
| (1) Triple Vaccination | 1095 | 790 | 624 | 380 | |
| (2) Polio-Vaccination | 1112 | 802 | 631 | 344 | |
| (3) Tet. Taxoid (A.N.C.) | 3559 | 2087 | 740 | .. | |
| (4) O.P.D.T.T. | | | | 22,282 | |
| (4) New born babies given B. C. G. | | —1,367 | | | |
| (5) O. P. D. 1 to 14 years children given B. C. G. | | —3,466 | | | |
| (6) Anti cholera | | —7,863 | | | |
| (7) T. A. B. | | — 343 | | | |
| (8) Domicillary visit by two Health visitors (excluding—2,956 | | | | | |
| (9) family planning.) Family Planntng Visits. | | —1,559 | | | |
| (10) Well baby clinic (supply of Milk etc.) | | —3,928 | | | |

Issue of authentication of health certificates and immunization against Cholera is done between 2.00 and 4.00 p.m. on all week-days except sundays and holidays.

Summary of attendance of Patients

| | | | | | |
|---------------------------|----|----|------------|--------------|----------|
| O. P. D. Total attendance | .. | .. | .. | .. | 6,30,361 |
| Casualty total attendance | .. | .. | .. | .. | 48,416 |
| Total admissions | .. | .. | .. | .. | 12,427 |
| New born babies | .. | .. | 1,695 Male | 1,682 Female | 3,377 |

Municipal Staff Dispensary

| | | | | | |
|---|--|--|--|--|-------|
| Total number of Municipal staff patients., treated at this hospital as under— | | | | | |
| New Cases | | | | | 4,053 |
| Old Cases | | | | | 2,471 |
| Total attendance | | | | | 6,524 |

A. R. V. Cases Treated During the year 1982.

| | | | | | |
|--------------|----|----|----|----|--------|
| New Cases | .. | .. | .. | .. | 5,999 |
| Total Cases. | .. | .. | .. | .. | 16,944 |

Medico Legal Work :

Type of cases registered during the year.

| Average No. of cases registered per day | Accident | Homicide | Suicide | Others | Total |
|---|----------|----------|---------|--------|-------|
| 23 | 2,714 | 2,764 | 1,256 | 1,489 | 8,143 |

Types of Medico Legal work done during the year.

- (1) Consumption of Posisionous drugs, Liquids etc.
- (2) Minor Injuries
- (3) Assault Injuries
- (4) Vehicoulor Injuries

Metropolitan Magisterial and Session Court cases attended by A. M. O's and C. M. O's during the year as under :—

| | | | | | |
|---|----|----|----|----|------|
| (1) Metropolitan Magisterial courts cases | .. | .. | .. | .. | 25 |
| (2) Session courts | .. | .. | .. | .. | 11 |
| (3) Coronors Court Claim Trilund | .. | .. | .. | .. | Nil |
| (4) Vehicular accident tri' unal | .. | .. | .. | .. | 1 |
| (5) Judicial Magistrate Court | .. | .. | .. | .. | Nil. |
| (6) A. C. P s inquirias | .. | .. | .. | .. | 2 |
| Total | | | | | |

Physiotherapy and Occupational Therapy

| | | | | | |
|-------------------|----|----|----|----|-------|
| Indoor Patients. | .. | .. | .. | .. | 1,231 |
| Out-door Patients | .. | .. | .. | .. | 6,455 |
| Total : | .. | .. | .. | .. | 7,686 |

Audiology and speech Therapy

| | | | | | |
|--------------|----|----|----|----|-----|
| Out Patients | .. | .. | .. | .. | 999 |
|--------------|----|----|----|----|-----|

Nursing Section.

During the year under reference number of nursing staff working at this hospital is as under :—

| | | | | | |
|----------------------|----|----|----|--------------|------------|
| Senior Asstt. Matron | .. | .. | .. | .. | 1 |
| Junior Asstt. Matron | .. | .. | .. | .. | 1 |
| Sister Incharges | .. | .. | .. | .. | 14 |
| Full trained | .. | .. | .. | .. | 25 |
| Auxilliary | .. | .. | .. | .. | 54 |
| Mid-wifes | .. | .. | .. | .. | 7 |
| Health Visitors | .. | .. | .. | .. | 2 |
| | | | | Total | 104 |

Family Planning Clinic :

| | | | | | |
|--|----|----|----|----|-------|
| (1) Persons contacted for F. P. education | .. | .. | .. | .. | 6,542 |
| (2) No. of cases given advice | .. | .. | .. | .. | 8,715 |
| (3) No. of active cases following F. P. advice | .. | .. | .. | .. | 3,437 |
| (4) Clinical attendance | .. | .. | .. | .. | 1,494 |
| (5) No. of persons visited at home | .. | .. | .. | .. | 5,319 |
| (6) Vasectomy done | .. | .. | .. | .. | 237 |
| (7) Tubectomy done | .. | .. | .. | .. | 606 |
| (8) No. of cases supplied contraceptive jelly | .. | .. | .. | .. | 110 |
| (9) No. of cases supplied contraceptive Oral Pills | .. | .. | .. | .. | 356 |
| (10) No. of M. T. P. done during the year | .. | .. | .. | .. | 183 |
| (11) No. of cases supplied Loops | .. | .. | .. | .. | 105 |

Pathology:

The Pathological report of the various test for the year 1982 is as under :

| | | | | | |
|------------------|----|--------|----------------|----|-------|
| Blood routine | .. | 13,342 | C S F | .. | 555 |
| E. S. R. | .. | 6,926 | Body Fluid | .. | 147 |
| P. C. V. | .. | 6,409 | Semen | .. | 464 |
| Urine routine | .. | 19,542 | Sr. Protein | .. | 198 |
| Stool routine | .. | 4,557 | Sr. Bilirubin | .. | 161 |
| V. D. R. L. | .. | 9,071 | Sputum AF B | .. | 561 |
| Widal | .. | 233 | Pregnancy test | .. | 74 |
| BT & CT | .. | 506 | A N C Hb. | .. | 3,702 |
| Grouping | .. | 7,536 | Cholesterol | .. | 480 |
| RhOD | .. | 7,536 | Sr. Eltrolytes | .. | 73 |
| X-Matching | .. | 457 | Sr. Creat. | .. | 581 |
| Blood Sugar | .. | 9,169 | Gram Stain | .. | 26 |
| Blood urea | .. | 3,624 | isto. Path. | .. | 805 |
| Peripheral smear | .. | 43 | P.T.P.I. | .. | 29 |
| L. F. T. | .. | 323 | Alka. Phos. | .. | 28 |
| SGOT & PT | .. | 808 | Gastric Anal. | .. | 5 |

Blood Bank :

During the course of the year as many as 728 blood bottles were collected and used as under

| | | | | | |
|--------------------------------|----|----|----|----|-----|
| No. of blood bottles Collected | .. | .. | .. | .. | 728 |
| No. of voluntary donors | .. | .. | .. | .. | 421 |
| No. of replacement donors | .. | .. | .. | .. | 90 |
| Brought from other hospital | .. | .. | .. | .. | 217 |
| Bottles used for the hospital | .. | .. | .. | .. | 317 |
| Bottles sent to other hospital | .. | .. | .. | .. | 209 |
| Bottles sent for Plasma | .. | .. | .. | .. | 151 |
| Bottles Discarded. | .. | .. | .. | .. | 11 |

The relatives of the patients were motivated to donate blood. Various social organisations were approached for organising campaigns of blood donation. The following organisations arranged the blood donation drives for the hospital.

1. National College, Bandra.
2. M. I. G. Cricket Club, Bandra.
3. Sacred Heart Church, Santacruz.
4. Vincent De. Paul Church, Bandra.
5. Mount Carmel's Chure, Bandra.
6. St. Xavier's Church, Vileparle.
7. Youth Congress (I) Bandra.
8. St. Tresa's Church, Bandra.
9. Bhartiya Janata Party, Bandra.
10. Prgat is seel Seva Manal, Andheri (East).
11. Versova Iayeccs Youth Club.
12. St. Andrew's Church, Bandra.

Radiology :

The work done during the year is as under—

Berium studies :

| | Indoor patients | Outdoor Patients |
|-----------------------------------|-----------------|------------------|
| (i) Ba-meal | 40 | 43 |
| (ii) Ba-Swallow | 10 | 17 |
| (iii) Ba-Enema | 12 | .. |
| (iv) I. V. P. | 45 | 37 |
| (v) Oral cholecystography | 3 | 1 |
| (vi) H. S. G. | 2 | 10 |
| (vii) Urethrogram | 3 | 1 |
| Total. | 115 | 109 |

Total No. of patients X-Rayed during the year 1982,

3,849

ELECTRIC CARDIOGRAM

E. C. G. Diagnosis during the year 1982 as follows :

| | |
|--|--------------|
| (1) Normal | 1,101 |
| (2) Miscellaneous | 175 |
| (3) Hyper Tension | 270 |
| (4) Heart Block | 111 |
| (5) Deviation (Rt. axic and left axic) | 332 |
| (6) Sinus Tachicardia | 1,120 |
| (7) Sinus Branchicardia | 433 |
| (8) Auncular Fibrilafor | 125 |
| (9) Sinus Arythornia | 70 |
| (10) Hypertrophy | 233 |
| (11) Cor-pulmonale | 213 |
| (12) Anaemia | 520 |
| (13) Angina Pectoris | 674 |
| (14) V. S. D. | 91 |
| (15) C. C. F. | 280 |
| (16) A. S. D. | 46 |
| (17) Chest Pain | 835 |
| (18) Rh. heart disease | 493 |
| (19) Dextro cardia— | 3 |
| (20) Aortic Stenosis | 114 |
| (21) Pericardia- | 76 |
| (22) Diabatic— | 480 |
| (23) Mitral Stenosis | 106 |
| (24) P, D, A. | 6 |
| Total | 7,907 |

Total No. of E. C. G. Taken during the year 1982-3,312

Pharmacy :

Pharmaceutical preparation for Indoor and Outdoor patients were made during the years as under :—

| | |
|---|-----------------|
| (1) Total quantity of stock mixture prepared | 10,400 lts. |
| (2) No. of packets of tablets made | 12,700 pkts |
| (3) Stock mixture preparation | 12,300 lts. |
| (4) Ointment prepared | 4,100 Kg. |
| (5) Lotion prepared : Calamine | 4,200 Lts. |
| Lotion prepared : Benzyl Benzoate | 6,100 Lts. |
| Aeriflavin | 1,527 Lts. |
| Sodium Hyph, | 2,027 Lts. |
| | 987 Lts. |
| (6) No. of packets of powder made | Nil. |
| (7) No. of prescription account kept | Nil. |
| (8) No. of preparation where special drugs issued and account kept. | Nil. |

T. B. Clinic :

Due to shortage of accommodation T. B. Cases were treated in this hospital in general O. P. D. in the Medical Unit. The patients who were diagnosed were referred to the nearby Municipal dispensaries for the further treatment. However, S. M. Injections were given in this Hospital to those patients who were residing in the vicinity of this Hospital.

Total No. of patients treated during the year—22,201.

Ambulance facilities :

One ambulance van attached to this Hospital for round the clock services. The van was made available to the general patients at the scheduled rates.

Hearse facilities ; One hearse was provided to work in two shifts for removal of dead bodies from this hospital the same is made available for general publics at the Scheduled rates.

Mobile dispensaries :

Two mobile dispensaries vans are attached to this hospital to cater the needs of the people residing in the slums where no medical facilities are available.

Future Projects and Development of the Hospital.

The hospital is proposed to be expanded in two phases, so as to increase bed-strength up to 500 beds. The construction of 1st phase is started during the year under reference. The building is likely to be completed in all respect by Dec. 1984. On completion of 1st phase bed-strength will be increased up to 350 beds.

The plans and estimates of 2nd phase are under preparation.

Dr. (Smt). P. S. PARALKAR,

Medical Superintendent,
K. B. Bhabha Hospital, Bandra.

Distribution of beds according to the sex.

| Serial No. | Deptt. | Male | Female | Child | Total |
|--------------------------|--------|------|--------|-------|-------|
| (1) Medical | | 23 | 9 | .. | 32 |
| (2) Surgical | | 23 | 9 | ... | 32 |
| (3) Paediatric | | .. | .. | 32 | 32 |
| (4) Gynaec. | | .. | 20 | ... | 20 |
| (5) Obstretics | | .. | 70 | .. | 70 |
| (6) E N. T. | | 2 | 2 | .. | 4 |
| (7) Ophthalmic | | 2 | 1 | .. | 3 |
| (8) Skin | | .. | 1 | .. | 1 |
| (9) Casualty & Emergency | | .. | ... | ... | 10 |
| | | 50 | 112 | 32 | 204 |

The additional information required is compiled in the Appendix I, II, and III

APPENDIX-I

Summary of indoor admissions, discharges, death and last remainings classified according to departments unit.

| Serial No. | Department | Admission with last remainings. | Discharges | Transferred to other hospital. | Death | Remaining on 31-12-82. |
|-------------------|------------|---------------------------------|------------|--------------------------------|-------|------------------------|
| (1) Medical | .. | 2394 | 2225 | 40 | 112 | 17 |
| (2) Surgical | .. | 2095 | 2019 | 36 | 27 | 13 |
| (3) Paediatric | .. | 2486 | 2282 | 51 | 130 | 23 |
| (4) Gynaecology | .. | 824 | 806 | 6 | .. | 12 |
| (5) Maternity | .. | 3626 | 3558 | 5 | .. | 63 |
| (6) E. N. T. | .. | 498 | 496 | .. | .. | 2 |
| (7) Ophthalmic | .. | 437 | 433 | .. | .. | 4 |
| (8) Skin-S. T. D. | .. | 67 | 65 | .. | .. | 2 |
| Total | | 12427 | 11,884 | 138 | 269 | 136 |

APPENDIX-II

Disease-wise deaths during the year 1982.

Paediatric Unit:

| | | | | | | |
|------------------------------------|----|----|----|----|----|-------|
| (1) Gastro-entritis | .. | .. | .. | .. | .. | 33 |
| (2) Broncho-pneumonia | .. | .. | .. | .. | .. | 27 |
| (3) Pneumonia | .. | .. | .. | .. | .. | 7 |
| (4) Bronchitis | .. | .. | .. | .. | .. | 2 |
| (5) Bronchopneumonia with C. C. F. | .. | .. | .. | .. | .. | 10 |
| (6) Aspiration with pneumonia | .. | .. | .. | .. | .. | 4 |
| (7) Encephalitis | .. | .. | .. | .. | .. | 1 |
| (8) Tuberculosis with menengitis. | .. | .. | .. | .. | .. | 14 |
| (9) Bronchitis with C. C. F. | .. | .. | .. | .. | .. | 10 |
| (10) Anaemia (severe) | .. | .. | .. | .. | .. | 2 |
| (11) Merasmus | .. | .. | .. | .. | .. | 1 |
| (12) Cardio-respiratory failure | .. | .. | .. | .. | .. | 1 |
| (13) Septicemia | .. | .. | .. | .. | .. | 3 |
| (14) Pyogenic | .. | .. | .. | .. | .. | 2 |
| (15) Post measles with C. C. F. | .. | .. | .. | .. | .. | 1 |
| (16) Prematurity | .. | .. | .. | .. | .. | 4 |
| (17) Post measles Bronchopneumonia | .. | .. | .. | .. | .. | 1 |
| (18) Encephalitis | .. | .. | .. | .. | .. | 6 |
| (19) Acute nephritis | .. | .. | .. | .. | .. | 1 |
| | | | | | | <hr/> |
| | | | | | | 174 |

Medical Unit :

| | | | | | | |
|--|----|----|----|----|----|-------|
| (1) Cardio-respiratory failure | .. | .. | .. | .. | .. | 33 |
| (2) Cerebrovascular accident | .. | .. | .. | .. | .. | 12 |
| (3) Hypertension with congestive cardiac failure | .. | .. | .. | .. | .. | 15 |
| (4) Aneamia with CCF with hypertension | .. | .. | .. | .. | .. | 18 |
| (5) Pulm Cochs | .. | .. | .. | .. | .. | 5 |
| (6) Ischamic H. D. | .. | .. | .. | .. | .. | 7 |
| (7) C. C. F. with Kochs | .. | .. | .. | .. | .. | 4 |
| (8) Giddiness with unconcioussness | .. | .. | .. | .. | .. | 2 |
| (9) ICC ovary | .. | .. | .. | .. | .. | 2 |
| (10) T. B. Menengitis | .. | .. | .. | .. | .. | 4 |
| (11) Amebic collitis | .. | .. | .. | .. | .. | 2 |
| (12) Hepatic failure with cirrhosis of liver. | .. | .. | .. | .. | .. | 2 |
| (13) Severe aneamia with general debility | .. | .. | .. | .. | .. | 3 |
| (14) Hepatic cellure failure | .. | .. | .. | .. | .. | 2 |
| (15) CA. stomach with secondaries in liver | .. | .. | .. | .. | .. | 1 |
| | | | | | | <hr/> |
| | | | | | | 129 |

Surgical Unit :

| | | | | | | |
|------------------------------------|----|----|----|----|----|-------|
| (1) Accidental injury | .. | .. | .. | .. | .. | 5 |
| (2) Tiseal performance | .. | .. | .. | .. | .. | 9 |
| (3) Acute Hemmerages panicroutitis | .. | .. | .. | .. | .. | 7 |
| (4) Post operative complications | .. | .. | .. | .. | .. | 5 |
| (5) Severe panitoritis | .. | .. | .. | .. | .. | 1 |
| | | | | | | <hr/> |
| | | | | | | 38 |

Total number of death

269

APPENDIX-III
Classification of patients according to Sex

| Department. | O. P. D. Sexwise Departmental Attendance. | | | | | Casualty Sexwise Departmental Attendance | | | | |
|-------------------------------|--|-----------------|-----------------|---------------|-----------------|---|---------------|---------------|--------------|---------------|
| | Male | Female | M/Ch. | F/Ch. | Total. | Male | Female | M/Ch. | F/Ch. | Total. |
| Medical .. | 88,682 | 44,342 | .. | .. | 1,33,024 | 8,148 | 6,088 | .. | .. | 14,236 |
| Surgical .. | 46,869 | 35,786 | 19,373 | 11,274 | 1,13,302 | 6,558 | 4,932 | 4,326 | 3,798 | 19,614 |
| Skin .. | 28,211 | 20,810 | 13,617 | 13,481 | 76,119 | .. | .. | .. | .. | .. |
| Pædiatric .. | .. | .. | 58,593 | 41,754 | 1,00,347 | .. | .. | 5,638 | 5,324 | 10,962 |
| A. R. V. .. | 7,958 | 6,983 | 4,628 | 4,252 | 23,821 | 592 | 521 | 418 | 301 | 1,832 |
| O. T. & P. Y. | 2,586 | 1,827 | 1,014 | 1,028 | 6,455 | .. | .. | .. | .. | .. |
| Gynaecology .. | .. | 44,907 | .. | .. | 44,907 | .. | 1,128 | .. | .. | 1,128 |
| A. N. C. .. | .. | 11,746 | .. | .. | 11,746 | .. | 123 | .. | .. | 123 |
| P. N. C. .. | .. | .. | 2,876 | 2,108 | 4,984 | .. | .. | .. | .. | .. |
| Dental .. | 8,329 | 6,338 | 4,517 | 3,532 | 22,616 | 25 | 23 | 19 | 20 | 87 |
| E. N. T. .. | 6,376 | 6,198 | 4,387 | 4,151 | 21,112 | 72 | 55 | 42 | 48 | 217 |
| Ophthalmic .. | 7,234 | 7,316 | 4,674 | 3,206 | 22,430 | 41 | 32 | 31 | 27 | 131 |
| Speech Therapy & Audiology | 238 | 192 | 392 | 346 | 1,168 | .. | .. | .. | .. | .. |
| Total | 1,96,383 | 1,86,445 | 1,14,071 | 85,132 | 5,82,031 | 15,436 | 12,902 | 10,474 | 9,518 | 48,330 |
| O. P. D. | 5,82,031 | | | | | | | | | |
| Casualty | 48,330 | | | | | | | | | |
| Grand Total | <u>6,30,361</u> | | | | | | | | | |

Dr. (Smt.) P. S. PARALKAR,
Medical Superintendent,
K. B. Bhabha Hospital, Bandra.

Dr. R. N. COOPER MUNICIPAL, GENERAL, HOSPITAL (JUHU).

In the year 1982-83, Dr. R. N. Cooper Municipal General Hospital, Juhu has completed 12 years of services, rendering Medical relief to the ailing persons in the western Suburbs of Bombay.

Medical Superintendent

Dr. (Smt.) Kusum Shah, M. D., D. G. O., appointed as Medical Superintendent.

Assistant Medical Officer (Administration)

Dr. (Smt.) S. K. Parshad, M. B. B. S., D. G. O. was appointed as Assistant Medical Officer (Administration) by Maharashtra Public Service Commission and continued to hold the post through out the year under report.

Assistant Medical Officer

Dr. (Smt.) H. A. Mangat, M. D. D. C. H., Assistant Medical Officer appointed continued to hold the said post through out the year under report.

Honorary Staff

Medical Department.

- (1) Dr. J. C. Doshi, M. D. was appointed and promoted as Associate Honorary M. D. He is now holding the post of Honorary.
- (2) Dr. A. K. Joshi, M. D. Assistant Honorary.
- (3) Dr. R. D. Darne M. D. (Bom.) M. R. C. P. (U. K.), F. C. C. P (U. S. A.) He is now holding the post Honorary Physician (Cardiology)
- (4) Dr. R. N. Shetty, M. D. Assistant Honorary.
- (5) Dr. J. S. Barve, M. D. Assistant Honorary.

Surgical Department

- (1) Dr. D. K. Dastur, M. S. (Bom.) Honorary Surgeon.
- (2) Dr. S. R. Padhye, M. S. assistant honorary Surgeon.
- (3) Dr. S. V. Shetty, M. A., M. S. M. S. Assistant Honorary.
- (4) Dr. A. C. Pinto M. S. Honorary Assistant.
- (5) Dr. Hindlekar, M. S. Honorary Assistant.

Obst. and Gynaecology Department

- (1) Dr. Sharad H. Shah, M. D. (Bom.) D. G. O., D. F. P., F. C. P. S. Honorary.
- (2) Dr. (Smt.) K. S. Shah, M. D. D. G. O. working in Unit I
- (3) Dr. S. S. Palnitkar, M. D. (Bom.) D. G. O. F. C. P. S. M. R. C. O. G. (Lond.) Honorary.
- (4) Dr. A. G. Kale, M. D. (Bom.) D. F. P. F. C. P. S. Assistant Honorary.
- (5) Dr. S. D. Chaubal, M. D. D. G. O. D. F. P. was appointed Assistant honorary and promoted as Honorary.
- (6) Dr. S. J. Penkar, M. D. D. G. O. D. F. P. assistant honorary.

Paediatric Department

- (1) Dr. G. S. Hathi, M. D. (Paed.) D. C. H. Honorary.
- (2) Dr. (Smt.) S. Y. Joshi, M. D. C. H. Assistant Honorary.
- (3) Dr. P. N. Patnekar, M. D. (Paed.) D. C. H. Honorary.
- (4) Dr. V. S. Kulkarni, M. D. D. C. H. Assistant Honorary.

Orthopaedic Department

- (1) Dr. R. N. Katre, M. S. (Ortho.) appointed as Honorary Assistant Surgeon.
- (2) Dr. R. H. Pathak, M. S. Assistant Honorary.
- (3) Dr. A. J. Thakur, M. S. (Ortho.) F. C. P. S. (Ortho) Honorary Assistant Surgeon (Ortho.).

Ear, Nose, Throat Department.

- (1) Dr. M. V. Ingle, M. S. (Gy. Surgeon) M. S. (E. N. T.) appointed from 1-6-72 and deputed to K. E. M. Hospital.
- (2) Dr. S. P. Wagh, (M. S.) D. C. R. L. (E. N. T.) Honorary Assistant Surgeon.
- (3) Dr. S. S. Joshi, M. S. D. O. R. L. as Assistant Honorary.

Radiology Department

- (1) Dr. L. M. Pancholia, M. D. (Radiology), D. M. R. E.

Pathology Department

- (1) Dr. (Smt) A. S. Mehta, M. D. (Patho.) Honorary Assistant Pathologist. At present holding the post of Honorary Pathologist.
 (2) Dr. S. A. Nimkar, M. D. D. D. P. B. Assistant Honorary.

Anaesthesia Department

- (1) Dr. U. V. Desai, M. D. (Bom.)

Skin and V. D. Department

- (1) Dr. D. P. Deshpande, M. D. D. V. D. appointed Honorary Assistant and promoted as Honorary.

Psychiatric Department

- (1) Dr. V. N. Vahia, M. D. D. P. M. Honorary Assistant.

Ophthalmic Department

- (1) Dr. V. H. Gandhi, D. O. M. S. M. S. D. O. (London) F. R. C. S. was appointed as Honorary Assistant Surgeon (Oph.) Now holding the post of Honorary.
 (2) Dr. M. V. Patel, M. S. D. O. M. S. F. C. P. S. now holding the post of Honorary.

Dental Department

- (1) Dr. A. B. Shroff, B. D. S. Honorary Assistant.
 (2) Dr. V. C. Shroff, B. D. S. Honorary Assistant.
 (3) Dr. B. S. Shroff, M. D. S. Honorary Assistant.
 (4) Dr. B. N. Wadgama, B. B. S. Honorary Assistant.

Special Clinics**T. B. Clinic Department**

- (1) Dr. D. T. Jadhav, M. D. Assistant Honorary.

Neurosurgery Department

- (1) Neurosurgery O. P. D. is conducted with the help of Neuro-Surgery Department of K. E. M. Hospital on every Wednesday.

Neonatology Clinic

- (1) Neonatology Clinic is started from 1-8-78 and conducted by Dr. Hathi, Dr. Patnekar, Assistant Honorary (Paed.).

Nutrition Clinic

- (1) Nutrition Clinic is attached to Paediatric O. P. D. and has on every Friday from 9-00 a. m. to 4-00 p. m. started functioning from February 1972.

Hansen's Clinic

- (1) Hansen's Clinic is managed by Acworth Leprosy Hospital, Wadala on every Friday from 9-00 a. m. to 4-00 p. m.

Diabetic Clinic

- (1) Diabetic Clinic is conducted by Dr. J. C. Doshi, on every Thursday from 8-00 a. m. to 10-00 a. m.

School Clinic

- (1) School Clinic Department started functioning from July 1973. Dr. Surekha, Honorary Assistant is appointed from 12-11-80.

Hospital**Expenditure :**

| | Rs. |
|---|-------------|
| (1) Amount spent on Inpatients | 1,14,80,462 |
| (2) Amount spent on Out-patients | 57,40,232 |
| (3) Total expenditure excluding new works | 1,72,18,704 |
| (4) Expenditure of new Works | 1,990 |

Approximately—

| | |
|---|--------|
| (1) Average cost per in patient per day | 60.92 |
| (2) Average cost per in patient admission | 394.31 |
| (3) Average cost per out-patient attendance | 9.70 |
| (4) Average cost per out-patient admission | 35.82 |

II A Results—

| | |
|---|--------|
| (1) Schedule bed strength | 520 |
| (2) Daily average in-patients in wards | 607 |
| (3) Total no. of admissions including those brought over from the previous year | 29,632 |
| (4) Total no. of patients discharged— | |
| (i) As cured | 27,057 |
| (ii) Left against medical advice or got discharged | 349 |
| (iii) Expired including neonatal & still births | 2,020 |
| (iv) Remained in the hospital on the last day | 537 |
| (v) Average stay of in-patient | 7 days |

| | | | | | | | |
|---|--|--|----|----|----|------------------------|-------------|
| B | (1) | Total no. of new out-patients admission | .. | .. | .. | .. | 1,04,911 |
| | (2) | Daily average no. of out patients | .. | .. | .. | .. | 339 |
| | (3) | Total no. of out patient (New & Old) | .. | .. | .. | .. | 5,91,926 |
| | (4) | Daily average no. of out patients attendance | .. | .. | .. | .. | 1,623 |
| | (5) | Total no. of casualty attendance (M. L.) | .. | .. | .. | .. | 20,525 |
| C | (1) | Total no. of operation in patients | .. | .. | .. | 5203+1804 (F. P.)=7007 | |
| | (2) | Total no. of operations on out-patients | .. | .. | .. | .. | 33,341 |
| | (3) | Total no. of plaster on patients | .. | .. | .. | .. | 19,721 |
| D | Confinents | | | | | | |
| | (1) | Booked cases | .. | .. | .. | .. | 3,910 |
| | (2) | Emergency cases | .. | .. | .. | .. | 483 |
| | (3) | Normal | .. | .. | .. | .. | 2,330 |
| | (4) | Abnormal | .. | .. | .. | .. | 690 |
| | (5) | Neonatal and Maternal Deaths | .. | .. | .. | .. | |
| | (i) | Maternal Deaths | .. | .. | .. | .. | 71 |
| | (ii) | Neonatal Deaths | .. | .. | .. | .. | 19 |
| | (iii) | Still Births | .. | .. | .. | .. | 167 |
| | (iv) | Premature : Infants | .. | .. | .. | .. | 131 |
| Sterilizations : | | | | | | | |
| | (6) | (1) Male | .. | .. | .. | .. | 48 |
| | | (2) Female | .. | .. | .. | .. | 938 |
| III—Radiology | | | | | | | |
| | (1) | Total no. of patients investigated | .. | .. | .. | .. | 34,467 |
| | (2) | Total no. of X-rays taken | .. | .. | .. | .. | 68,358 |
| | (3) | Barium investigations | .. | .. | .. | .. | 413 |
| Special Investigations | | | | | | | |
| | (1) | Splenogram | .. | .. | .. | .. | 21 |
| | (2) | Cystourethrogram | .. | .. | .. | .. | 29 |
| | (3) | Singogram | .. | .. | .. | .. | 13 |
| | (4) | Angiogram | .. | .. | .. | .. | 25 |
| | (5) | Intra venous pyelographies | .. | .. | .. | .. | 153 |
| | (6) | Myelogram | .. | .. | .. | .. | 27 |
| | (7) | Cholecystogram | .. | .. | .. | .. | 1 |
| | (8) | Bronchogram | .. | .. | .. | .. | 1 |
| | (9) | M. M. R. | .. | .. | .. | .. | 5197 |
| IV—Blood Bank | | | | | | | |
| | (1) | (i) Total no. of blood samples collected | .. | .. | .. | .. | 3799 |
| | | (ii) From voluntary Donors | .. | .. | .. | .. | 1449 |
| | | (iii) From O. P. D. Patients | .. | .. | .. | .. | 415 |
| | | (iv) From Other hospitals | .. | .. | .. | .. | 164 |
| | (2) | (i) Total no. of bottles supplied to wards | .. | .. | .. | .. | 2386 |
| | | (ii) Total collection of blood bottles | .. | .. | .. | .. | 3159 |
| School Clinic | | | | | | | |
| | (1) | Total no. of school children treated | .. | .. | .. | .. | |
| | | (i) New | .. | .. | .. | .. | 2462 |
| | | (ii) Repeat | .. | .. | .. | .. | 12,699 |
| | | (iii) Referred | .. | .. | .. | .. | 15,161 |
| | (2) | Total expenditure on clinics | .. | .. | .. | .. | 1,82,435.25 |
| VI—Physio Therapy and occupational Therapy | | | | | | | |
| | Total no. of attendance at the centre— | | | | | | |
| | (i) | Total no. of out-patients | .. | .. | .. | .. | 17,129 |
| | (ii) | Total no. of In-patients | .. | .. | .. | .. | 21,704 |
| VII—Deficiencies : | | | | | | | |
| | (1) The schedule bed strength in the wards are 520. There are no separate wards for E. N., T., Ophthalmic and Female Orthopaedic and burns cases. | | | | | | |
| Suggestions :— | | | | | | | |
| Recreational Facilities : | | | | | | | |
| | Some sort of recreational facilities such as library. | | | | | | |
| | (1) Indoor games, television etc. may be provided to indoor ambulant patients. (2) Gift shop is needed for the benefit of patients. (3) Burn cases are increased in the surgical wards and the same will be provided when the Central Ambulance Scheme Unit starts. It has a provision of 10 bedded burns wards. | | | | | | |

Charging of fees for Out-door and Indoor patients was started from 1-4-1982 under the C. A.'s circular No. CARG/105. The charging of fees for O.P.D. is Rs. 2/- for first fifteen days. For Indoor charges are Rs. 5/- for the first ten days and thereafter each day Rs. 5/-.

Central Ambulance Scheme was started on 2 th October 1982 Opening Ceremony of Central Ambulance unit at Dr. R. N. Cooper Hospital was one by Mayor of Bombay Mr. P. S. Pai. on 2 th October 1982 and the functioning of emergency centre started from 2 th October 1982 with casualty, I.C.C.U. ward and Emergency Ward.

MEDICAL RECORD DEPARTMENT

In-patient Division :—

The number of schedule bed strength during the year was 520.

During the year 1982 the average no. of in-patients in the hospital was 607 as against 650 and 630 during the year 1981 and 1980 respectively. The total no. of patients admitted for hospitalization during the year under report was 29115 as against 37632 and 37662 respectively for 1981 and 1980. The average stay of in-patients was 7 days during the year under report as against 7 and 7 days respectively, in the year 1981 and 1980.

Results of treatment of Indoor-patients :

Out of total no. of 29633 including 537 brought over from the previous year 27057 were considered as cured 349 left the hospital either against medical advice or were otherwise discharged and 1779 died (excluding 167 still birth and 19 neonatal deaths, L. W.—27, 28 casualty deaths) At the end of the year 537 patients were in the hospital under treatment.

Deaths Classified :—

Out of 1807 deaths 640 died within 24 hours of admission, 383 after 24 hours but within 72 hours of admission, 625 deaths took place after three days from the date of admission, 131 premature infant deaths, 28 died at casualty. The figures are exclusive of 167 still births and 19 neonatal, L. W. 27, Death rate was 6.7 against 7.5 during the last year. Total no. of autopsy performed during the year under report was 417 against 396 and 332 for the year 1981 and 1980. respectively. Autopsy rate was 9.8 for the year 1982 as against 9.7 and 9.3 for the year 1981 and 1980. All these autopsies were performed by the Coroner's Surgeon.

Confinements :—

During the year under report the total number of confinements were 3020 and abortions 1109

Operations :—

7007 operations were performed on in-patients and 33341 operations were performed on out-patients.

OUT-PATIENTS DEPARTMENT

Out-patients :—particulars.

The total no. of new cases papers issued during the year under report was 160248 against 351695 in the year 1981 and 349867 in the year 1980. The total no. of out-patient attendance (New and Old) including casualty cases was 591926 bringing the average total attendance 1623 per day.

Casualty cases registered during the year were 55337 as against 69096 and 68743 during the year 1981 and 1980 respectively.

Medico-Legal Cases :—

During the year under report the Resident Medical Officers and casualty medical officers attended the following courts for giving evidence in the Medico-legal cases.

| | | | | | |
|--------------------------------|----|----|----|----|-----|
| (1) Residence Magistrate Court | .. | .. | .. | .. | 148 |
| (2) Sessions courts | .. | .. | .. | .. | 35 |
| (3) Motor accident tribunal | .. | .. | .. | .. | 52 |
| (4) Other courts | .. | .. | .. | .. | 4 |

During the year approximately 417 depositions were filled in the Coroner's court.

Medical Certificates :—

| | | | | | |
|--|----|----|----|----|------|
| (1) Under workmen's compensation act | .. | .. | .. | .. | 61 |
| (2) Medical opinion certificates | .. | .. | .. | .. | 2253 |
| (3) Injury certificate to patients in medico-legal cases | .. | .. | .. | .. | 373 |
| (4) Injury certificates to police in medico-legal cases (free) | .. | .. | .. | .. | 1890 |
| (5) Injury certificates to Municipal employee injury and leave (free) | .. | .. | .. | .. | 347 |
| (6) Certificate for insurance purposes | .. | .. | .. | .. | 19 |
| (7) Essentiality certificates for reimbursement of medical expenses to Govt. | .. | .. | .. | .. | 30 |

OTHER ACTIVITIES

Training Interns :—

Interns of the Seth G. S. Medical College undergraduate Medical Students are continuing to take their training in Obst. & Gy. Dept. at the Dr. R. N. Cooper Municipal General Hospital, Juhu.

Hearse and Ambulance Services :—

The ambulance service is made available to the public at the hospital. The ambulance services are available in emergency to any ailing patients on accident case to be transferred to any of the hospitals in Bombay. One hearse is provided for remaining dead bodies at the hospital for Western Suburbs.

Income from Ambulance and Hearse :

During the year under report the income from ambulance and hearse was Rs. 22,817 against Rs. 27,407 in the previous year.

Mobile Health Unit—

A mobile van was donated by Bombay Pradesh Congress Committee on 1-7-73. The mobile health unit was started from 10-7-73 at this hospital. During the year under report Mobile Health Unit has completed nine and half year services. It is being utilised at present for rendering medical aid to the slum areas in the form of :

- (1) Medical Treatment for minor injuries and ailments.
- (2) Immunization programme
- (3) Health education in family planning.

It visits the slum areas from Juhu, Vile Parle to Malad on the Western Suburbs on all days of the week except Sundays from 8-30 a. m. to 1-00 p. m.

The following staff is posted in the Mobile Health Unit :—

- (1) One Doctor (Clinical Assistant).
- (2) One Interns
- (3) One staff nurse.
- (4) One Labourer.

Work done at Medical Mobile Health Unit in the year 1982—

| | | | | |
|---|----|----|----|-------|
| (1) Total no. of patients seen and treated (In slum communities). | | | | 18651 |
| (2) Total no. of referred to General Hospital | .. | .. | .. | 510 |
| (3) Total no. of immunisation carried out | | .. | .. | 1871 |

Medico Social Service Department—

The social service department was started on 2-10-1972 for cases needing Physco-social worker who was appointed on 2-10-72. During the year under report social service department has completed 9 years services.

Following is the report of the cases that were given assistance in different areas of social Services.

General social work complied of work done in O.P.D. and ward level. Further to facilitate efficient functioning social work was divided between two workers and division was as follows :

This year witnessed greater efforts of the social workers in all the fields of social work especially in the field of Medicines Over 1000 Rimpin capsules were arranged and distributed to 98 cases This was treated as continuous project, also Inj. Cloxacillin and Inj. Carbeattun were given on projectbasis. 283 lagnations were given to 25 patients as pertheir regd. dose. 21 Inje. Carbeniullun were given to 7 patients. Other drugs of miscellanessou type including syrupe Ampicilin, Erythrocin, Kaltive were arranged for 73 such patients.

In the field of family planning 154 patients were referred who were unmarried/married/ Divorcees. There were motivated loop insertions, la ations along with MTPs. 13 unmarried mothers were too late for MTP. Sothey were advised in continuatinn of pregnancies and leater their babiesiwere given in adoption to adoptive agencies like Shraddhanand Mahila Ashram, Asha Sadan and family sezvice centre.

Anti (D) as usual was given to R.H. ne ative mothers. 4 cases were referred for sans- tioning. Milk powder was diskributed to paed. patients suffering from Marasmus, T.B.

When B.M.C, introduced payment of Hospital stay, 4 patients from Gyn., Med., Paed. wards were referred as they could not affordhospital stay.

Gynaecology and Obstetrics Department

Following is the account of work done in the Gynaec and Obsteric department during the year under report :-

| | | |
|-----|---|-------|
| (1) | Total no. of O.P.D. Attendent (New) | 13853 |
| (2) | Total no. of admissions | 6342 |
| (3) | Total no. of confinements | 3020 |
| | (i) Normal | 2330 |
| | (ii) Abnormal | 690 |
| (4) | Total no. of booked cases | 3910 |
| (5) | Emergency cases | 483 |
| (6) | Abortions : (i) Threatened | 130 |
| | (ii) Incomplete | 979 |
| (7) | Total no. of operations : (i) Major | 1477 |
| | (ii) Minor | 938 |

Undergraduated from G. S. M. College are attending the department for training. Post-graduates seminars and discussions are being held periodically at least once a month.

FAMILY WELFARE DEPARTMENT

The family welfare department has been started at this hospital in April 1969, with a regular centre, dispensing family planning aids from 9.00 to 5.00 p.m. All O. P. D. working days and during the year under report it has completed 91/2 years of services.

Post Partum Programme 'A' type started in April 1980.

The staff consists of a part-time family planning officer, full time medical officer, store-keeper -cum-clerk and an attendant and female field worker and Co-ordinator.

The following services are offered—

| | | |
|-----|---|------|
| (1) | Distribution of condome | 4380 |
| (2) | I.U.C.D. insertions | 337 |
| (3) | Oral contraceptives | 309 |
| (4) | Other conventional contraceptives like diaphragm-Nil, Jelly-Nil, from tab- vaginal | Nil |
| (5) | Tubectomy—This includes puerperal sterilisation both abdominal and vaginal | 938 |
| (6) | Vasectomy | 46 |
| (7) | The medical termination of pregnancy is started from April 1974 and total M.T.P. done during the year under report was | 877 |

The centre also conducts other regular progress like maternal health education programme in addition to Family planning information to antenatal and postnatal patients. It renders guidance services to those who desire it.

Following are the figures of attendance at the centre :-

| | | |
|-----|--------------------------------------|------|
| (1) | New cases | 1709 |
| (2) | Condoms | 4380 |
| (3) | I.U.C.D. | 337 |
| (4) | Oral contraceptives (tablet) | 309 |
| (5) | Tubectomies | 938 |
| (6) | Vasectomies | 46 |
| (7) | Diaphragms | Nil |
| (8) | M.T.P. | 877 |
| (9) | Applicator with jelly | Nil |

Immunization centre :-

| | | |
|----------|-----------------------------|-------|
| Polio | 1st dose | 1048 |
| | 2nd dose | 673 |
| | 3rd dose | 628 |
| | Booster dose | 242 |
| | Total | 2591 |
| Triple | 1st dose | 1048 |
| | 2nd dose | 673 |
| | 3rd dose | 628 |
| | Booster dose | 242 |
| | Total | 2591 |
| Tetanus | 1st dose | 26775 |
| | 2nd dose | 2450 |
| | 3rd dose | 1133 |
| | Total | 30358 |
| B. C. G. | O. P. D. | 1142 |
| | Ward (In patient) | 2045 |
| | Total | 3187 |
| | Antirabic treatment | 24640 |

PAEDIATRIC DEPARTMENT

During the year under report 18636 were treated in the out-patient department and 3922 were admitted as In-patient.

Screening and Mantax testing : These include respiratory cases and family contacts of those suspected or diagnosed as Tuberculosis Mantax testing was done in about 18636 cases.

PREMATURE BABY WARD

The paediatric department also manages a premature baby ward (started functioning from October 1971 with a capacity of 7 cribs) and same is increased now to 10 cribs but actual figure ranges to 15 to 20 per day.

During the year under report 292 were admitted as in-patient and 131 expired. There is a regular premature baby follow up twice in a week which has shown good results. A well baby clinic is also run in Gynaec O. P. D. by the Paediatricians.

NUTRITION CLINIC

A Nutrition clinic attended to Paediatric O. P. D. started functioning from Febuary 1972 The work done in the year 1982 :—

| | | | | | | |
|-----------------------------|----|----|----|----|----|------|
| Total nutrition clinic days | .. | .. | .. | .. | .. | 330 |
| Total cases | .. | .. | .. | .. | .. | 247 |
| Indoor cases | .. | .. | .. | .. | .. | 46 |
| Feeding advice given | .. | .. | .. | .. | .. | 2563 |

DEPARTMENT OF MEDICINE

The medical department consists of two units and each unit is staffed with Honorary, Assistant Honorary and one Jr. A. M. O. two Registrars, three house-physicians. A diabetic clinic and a Gastroentology clinic is run once a week in the morning. About 2358 diabetics (including new and old are treated and followed up every week. Cardiology out-patients conducted on every Saturday to look after patients discharged from coronary care unit. This department consists of two registrars and three house officers.

The total no. of patients admitted during the year 1982, in the Medical Units was 7345 (4651 male patients, 2694 female patients) as against 8871 in the year 1981 and 8887 in the year 1980.

Heart disease patients were treated in the Medical ward during the year 1982. 7698 E. C. G.'s were taken during the year under report.

The O. P. D. attendance (New cases) was 32,739.

I. C. C. U. : This department started functioning from 1-3-75. The total no. of patients admitted during the year 1982 in I. C. C. Unit was 368.

T. B. Clinic :

| | | | | | | |
|-----------|----|----|----|----|----|-------|
| New cases | .. | .. | .. | .. | .. | 1190 |
| Old cases | .. | .. | .. | .. | .. | 9446 |
| | | | | | | 10645 |

DEPARTMENT OF SURGERY

Department of surgery consists of two units each staffed with an Honorary, Assistant Honorary, One Registrar and two house surgeons. In addition there is surgical Jr. A. M. O. and surgical tutor. The no. of Schedule beds allotted to the surgical department is 20 on M. W. and 20 in F. W. for each unit. Surgical department is well equipped to manage both emergency and routine problems. Our institution also caters to the needs of other suburban hospitals by accommodating their problem cases. Each unit has out-patients and emergency admission days on alternate days. Dressing department is attached to the surgical O. P. D. and also Minor surgery theatre, attached to the surgical O. P. D. managed by Minor surgery registrar with help of respective surgical unit.

Reorganization of the O. P. D. We hope to start surgical gastroenterology O. P. D.

The following is the account of work done in the department during the year.

| | | | | | |
|---|----|----|----|----|-------|
| (1) Total new O. P. D. attendance | .. | .. | .. | .. | 54928 |
| (2) Total admissions | .. | .. | .. | .. | 6307 |
| (3) Operations | | | | | |
| (a) Major | .. | .. | .. | .. | 1777 |
| (b) Minor | .. | .. | .. | .. | 24930 |
| (c) Emergency | .. | .. | .. | .. | 5183 |
| 4. Total no. of patients treated in minor surgery was | .. | .. | .. | .. | 24930 |

DEPARTMENT OF PSYCHOLOGICAL MEDICINE

The department started functioning from 15-6-77, It consists of one assistant honorary, one A. M. O., Two Registrars Two House officers one clinical psychologist, one psychiatric social workers, one occupational Therapist.

The following is the statistical data of the work done during the year for the period 1981.

| | | | | |
|---|----|----|----|---------|
| (1) Total O. P. D. patients (New cases) | .. | .. | .. | 4675 |
| (2) Total no. of O. P. D. conducted | .. | .. | .. | 148 |
| (3) Average O. P. D. attendance | .. | .. | .. | 9 to 11 |
| (4) Average O. P. D. attendance (Old cases for follow up) | .. | .. | .. | 92 |
| (5) Total no. of patients treated with E. C. T. s (New cases) | .. | .. | .. | 183 |
| (6) Total no. of patients treated with insulin (New cases) | .. | .. | .. | 557 |
| (7) Total no. of E. C. T. sessions conducted | .. | .. | .. | 1396 |
| (8) Total no. of insulin sittings conducted | .. | .. | .. | 709 |
| (9) Total no. of patients treated with supportive psychotherapy | .. | .. | .. | 184 |
| (10) Total no. of patients for social case work (New cases) | .. | .. | .. | 257 |
| (11) Total no. of patients for social work | .. | .. | .. | 373 |
| (12) Total no. of social case work sessions | .. | .. | .. | 1726 |
| (13) Behaviour therapy No. of patients | .. | .. | .. | 95 |
| (14) No. of indoor patients | .. | .. | .. | 561 |
| (15) No. of patient for psychological testing | .. | .. | .. | 445 |
| (16) Sex education sessions | .. | .. | .. | 354 |
| (17) Total no. of patients for sex education | .. | .. | .. | 103 |
| (18) Total no. of patients referred to day care centre | .. | .. | .. | 529 |
| (19) Average attendance at day care centre per day | .. | .. | .. | 19.22 |
| (20) Total no. of patients for child guidance | .. | .. | .. | 207 |
| (21) Play therapy sessions patients | .. | .. | .. | 452 |
| (22) Group therapy no. of sessions patients | .. | .. | .. | 477 |
| (23) Group therapy no. of sessions | .. | .. | .. | 19 |
| (24) Family therapy no. of patients | .. | .. | .. | 64 |
| (25) Family therapy no. of sessions | .. | .. | .. | 207 |
| (26) Marital counselling no. of patients | .. | .. | .. | 48 |
| (27) Marital counselling no. of sessions | .. | .. | .. | 128 |

Impression : The calendar year 1982 was a year of stabilisation for the department. A policy to shift from ECTs to group approach and individual psychotherapies was implemented. Social rehabilitation and attempt at resolution of psychosocial factors in the genesis of emotional disturbances was one of the salient features this year. The effect of this change in therapeutic strategy of the department is evident in drop in No. of ECT sessions conducted during the year (1300 in year 1982 as opposed to 1499 in year 1981). Considering a better rapport established between the staff and the patients, more patients could be treated with modified insulin therapy (1228 in year 1982 as compared to 1983 in the year 1981).

The Psychologist and the Social Worker were able to jointly set up a schedule for family therapies. Total No. of families treated this way increased to 83 as compared to 22 families last year. Incidentally each family takes away about 2 hours per session. 204 such sessions were conducted this year as opposed to 66 similar sessions last year. 128 sessions of marital counselling were conducted this year as opposed to 36 sessions last year. 184 patients were taken up for individual supportive psychotherapy (as compared to 140 patients last year). 81 pts. were included in Group Therapies which are being conducted regularly last year. The No. of patients taken up for social case work have been jumped to 630 as opposed to 315 last year and No. of social case work sessions have increased to 1700 as opposed to 1049 last year. 445 Play Therapy sessions were conducted for 200 patients this year as compared to 348 sessions for 111 pts.

Thus, it is observed that the department has made a definite progress in the proposed direction. Non-availability of the Tutor was hindrance to out group therapy programme. Financial stringency lead to non-availability of several drugs in the hospital. The department could partially overcome the hazard with the help of donations and pooling of drug samples.

We are now looking forward to commissioning of the EEG laboratory and the appointment of Tutor. If the staff pattern is maintained as per the sanctioned schedule, we should be able to continue to maintain the orientation towards psychological and psychosocial therapeutic procedures rather than to back to physical therapies like ECT.

As regards teaching activities, 4 candidate passed their diploma and degree exams. A major research project on use of propranolol in Schizophrenia is being planned this year. Two papers on Tardive dyskinesia (a joint research project with K.E.M. H. and NIMH, Washington) are submitted for publication this year.

DEPARTMENT OF ORTHOPAEDICS

Orthopaedic department consists of two Assistant Honorary, two registrars and two house officers. Following was the work done in this department during the year under report. In view

of the heavy O. P. D. and the indoor work to dispose the patients efficiently, the record section and O. P. D. patients require with two clerical staff and one steno to manage the same.

| | | | | | | |
|---------------------|----|----|----|----|----|------|
| Out door attendance | .. | .. | .. | .. | .. | 9631 |
| Indoor admissions | .. | .. | .. | .. | .. | 2504 |
| No. of operations | .. | .. | .. | .. | .. | 387 |

The department is well equipped to cope with the large no. of traumatic cases brought to the hospital. This is the only public hospital in the western suburbs having in Orthopaedic department. It is necessary to have a separate ward for female and paediatric orthopaedic patients and operation theatre and plaster room with attached dark room for quick development of X-Ray films.

EAR, NOSE AND THROAT DEPARTMENT

Ear, nose and throat department was started from June 1972. All the routine and emergency ear, nose and throat surgical procedure with constructive ear surgery and stapedectomy are now undertaken for which necessary operating microscope is available.

There are three O. P. D.s and two operations sessions each week. All the routine investigations like caloritic test and audiometry are carried out in the O. P. D. The following is the account of work done in the department during the year under report.

| | | | | | |
|-------------------------------|----|----|----|----|------|
| Total new O. P. D. attendance | .. | .. | .. | .. | 6164 |
| New admissions | .. | .. | .. | .. | 794 |
| Operations | .. | .. | .. | .. | 762 |

AUDIOLOGY AND SPEECH THERAPY DEPARTMENT

The functioning of the audiology and speech therapy unit started from 19th July 1976. The unit have a Audiologist on its staff. The following is the account of work done during the year under report.

| | | | | | |
|--------------|----|----|----|----|-----|
| Audiograms | .. | .. | .. | .. | 653 |
| Speech cases | .. | .. | .. | .. | 104 |
| Total .. | | | | | 800 |

OPHTHALMIC DEPARTMENT

There are one assistant Honorary, one Registrar and one house surgeons on its staff. The department needs a separate ophthalmic ward and an operation theatre to improve the working. The following is the account of work done during the year.

| | | | | | |
|-------------------------|----|----|----|----|------|
| O. P. D. Attendance | .. | .. | .. | .. | 6549 |
| Total no. of admissions | .. | .. | .. | .. | 706 |
| Total no. of operations | .. | .. | .. | .. | 800 |

Skin and Venerology Department

During the year under report 8369 new cases were treated at the out-patient department and 82 were admitted as In-patient. The following investigations were carried out in the Laboratory.

| | | | | | |
|------------------------------------|----|----|----|----|------|
| (1) Skin biopsy | .. | .. | .. | .. | 155 |
| (2) Veneral disease investigations | .. | .. | .. | .. | 3116 |

Leprosy unit started from March 1974 and it functions on every Friday during the year under report 225 new cases were treated at the out-patient department.

DENTAL CLINIC

There are four part time surgeons, one staff nurse and one labourer on its staff.

This department attends the school clinic children, referred patients and general O.P.D. patients having Dental complaints are also examined and treated. The following is the account of work done in this department during the year 1982.

Total no. of patients examined :—

| | General O.P.D. | School clinic |
|---------------------------------|----------------|---------------|
| No. of medications | 5251 | 862 |
| No. of dental extraction | 2701 | 665 |
| No. of sealing teeth | 167 | 550 |
| No. of x-rays recorded | 349 | 13 |
| No. of filing cement | 180 | 722 |
| No. of minor surgical procedure | 19 | |

SCHOOL CLINIC DEPARTMENT

A school clinic was started functioning from July 1973. It is functioning in paediatric, ophthalmic, aural and dental departments where medical examination of school children from Suburban municipal schools between Bandra and Borivli is done.

The common ailments found among the children were malnutrition, vit 'A' deficiency, Anaemia, respiratory infection, scabies, pyoderma, and pharyngitis. Tonsillectomy operations were performed on 60 cases in the year 1982.

Total no. of school children treated :—

| | | | | | | | |
|--------------|----|----|----|----|----|----|-------|
| (1) New | .. | .. | .. | .. | .. | .. | 2462 |
| (2) Repeat | .. | .. | .. | .. | .. | .. | 12099 |
| (3) Referred | .. | .. | .. | .. | .. | .. | 15161 |

The total expenditure on school clinic is Rs. 1,82,435.25 The details are as under :—

| | | | | | | | |
|-------------------|----|----|----|----|----|----|-------------|
| (i) Establishment | .. | .. | .. | .. | .. | .. | 1,60,617.90 |
|-------------------|----|----|----|----|----|----|-------------|

Contingencies

| | | | | | | | |
|--------------------------------------|----|----|----|----|----|----|--------|
| (ii) Contingencies and miscellaneous | .. | .. | .. | .. | .. | .. | 340.28 |
|--------------------------------------|----|----|----|----|----|----|--------|

Medicine and Instruments

| | | | | | | | |
|--------------------------------|----|----|----|----|----|----|-----------|
| (iii) Medicine and Instruments | .. | .. | .. | .. | .. | .. | 21,477.07 |
|--------------------------------|----|----|----|----|----|----|-----------|

Juhu Lions Dental Clinic

| | | | | | | | |
|---|----|----|----|----|----|----|-----------|
| Establishment | .. | .. | .. | .. | .. | .. | 33,222.58 |
| Medicine and Instruments | .. | .. | .. | .. | .. | .. | 1,348.60 |
| Labour Technical and others | .. | .. | .. | .. | .. | .. | 9,414.90 |
| Total expenditure of establishment | .. | .. | .. | .. | .. | .. | 33,222.58 |
| Total expenditure of medicine and instruments | .. | .. | .. | .. | .. | .. | 1,348.60 |

PATHOLOGY DEPARTMENT

Following investigations were done in the Pathology Department.

| Investigations | Total No. |
|---|-----------|
| Biochemical | 32983 |
| Serological Khan Test | 10314 |
| Haematological | 25760 |
| Exam. of puncture fluids | 1876 |
| Histopathology | 1717 |
| Bacteriology | |
| (1) Culture | 4374 |
| (2) A.F.B. Smears and Diphtheria smears | 6483 |
| (3) O.P.D. laboratory routine work | 112063 |
| (4) School Clinic | 3068 |
| Nursing Staff | |
| Matron | 1 |
| Jr. Asstt. Matrons | 2 |
| Sisters Tutors | 2 |
| Ward Sisters | 25 |
| Staff Nurses | 92 |
| Auxillary Nurses | 80 |
| Theatre Assistant | 7 |
| Health Visitors | 2 |
| Midwife Nurse | 1 |

NURSING SCHOOL :

There are 39 student Nurses in the Nursing School. In March 1982 a new batch of 20 students was taken for general Nursing in the school. In March 1982-22 students passed in general Nursing Course. In sept, 1982-11 students passed in general Nursing Course. It was about 100% result. TNA Bombay city Branch every year celebrates nurses week from 6th May to 12th May. This year our hospital nurses participated in the inauguration programme of nurses week. Many hospital Nurses have attended the programme.

Smt. Rozy George is attending post-graduate nursing post, that is B.sc., Nursing at the Institute of Nursing education at J.J. Hospital, Bombay and is on study leave for two years. Smt. A.D. Dhuru is attending post graduate Diploma course at R.A.K. College Nursing Delhi from July 1982. Smt. Joshi, sister Tutor has attended Refresher Course at Tata Cancer Institute (Cancer Nursing), or anised by S.N.D.T. Nursing College, Bombay.

Training of Medical students of G. S. Medical college :

Medical students training started from July 1979 at Dr. R. N. Cooper Hospital. The following departments of this hospital have been recognized by the University for the purpose of undergraduate Teaching-Medicine, Surgery, Gynaec and Obst., Paed., and ortho. The students of G. S. Medical college are attending the hospital from April 1979 onwards. The following members of the staff have been recognised by the University as post graduate teachers. Dr. J. C. Doshi, Dr. R. D. Darne, Dr. Dastur, Dr. S. H. Shah and Dr. R. N. Katre. For sports, cricket tournament was conducted by Hoechst.

Expenditure out of poor box charity fund :

Besides the expenditure incurred from Municipal Funds as sum of Rs. 34,738 was spent out of the poor Box Charity Fund in the year of 1982-83. as against Rs. 11,084.65 the previous year. The amount was mostly spent on costly Drugs, Blood, Transfusion, Provisions of crutches spectacles etc. for the poor and deserving patients of the hospital.

Expenditure out of the Hospital Budget Grant :

The total expenditure incurred on the maintenance of the hospital during the year 1982-83 including liabilities at the end of the year but exclusive of the cost on new works amount to Rs. 1,72,20,694 approximately. The expenditure was inclusive of the cost of Maintenance and treatment of in-patients, out-patients, and establishments, drugs on Medical Nursing Administrative and Labour staff as well as the cost of the staff for maintenance and repair of the buildings.

New constructions and expansions and extension work completed :

A building for (Emergency medical care centre) has been built and the I. C. C. U. & Burns wards have been started on ground floor and 1st floor from Nov. 1982.

ANAESTHESIA DEPARTMENT

Anaesthesia department of Dr. R. N. Cooper Municipal General Hospital, Juhu has the following staff on its establishment Dr. U. V. Desai, Honorary Asstt. Anaesthetist appointed from 10-1-77.

Since date 1-9-78 Dean (K) has been deputing six registrars and six lecturers to manage the workload of the hospital.

This arrangement has been working very smoothly under the guidance of Dean (K).

SPECIAL ACKNOWLEDGEMENT.

Due to the persistent efforts and guidance of Dean (K) Dr. C. K. Deshpande, the number of posts of registrars and house officers recognised for the purpose of post-graduate studies in the various departments of Dr. R. N. Cooper Municipal General Hospital, Juhu have been increased. Eight posts were recognised in the year 1978-79. In the year 1979-80 sixty-five more posts are recognised in the following departments. The list of the same is given below :—

| Serial No. | Department | Category | No. of posts recognised |
|------------|---------------------|-------------------|-------------------------|
| (1) | Gen. Medicine | Registrar | 4 |
| (2) | I. C. C. Unit | Do. | 2 |
| (3) | Psychiatry | Do. | 2 |
| (4) | Skin & V. D. | Do. | 1 |
| (5) | Paediatrics | Do. | 4 |
| (6) | Neonatology | Do. | 1 |
| (7) | Gen. Surgery | Do. | 2 |
| (8) | Gen. Minor O. T. | Do. | 1 |
| (9) | E. N. T. | Do. | 1 |
| (10) | Ophthalmology | Do. | 1 |
| (11) | Burns & Pl. Surgery | Do. | 2 |
| (12) | Orthopaedics | Do. | 2 |
| (13) | Obst. & Gynaec. | Do. | 3 |
| (14) | Anaesthesia | Do. | 1 |
| (15) | Pathology | Resi. Pathologist | 2 |
| (16) | Radiology | Resi. Radiologist | 1 |

| Serial No. | Department | Category | No. of posts recognised |
|--------------|----------------------------------|---------------|----------------------------|
| (17) | Gen. Medicine | House Officer | 5+1 recognised previously. |
| (18) | I.C.C. Unit | Do. | 3 |
| (19) | Psychiatric | Do. | 2 |
| (20) | Skin & V. D. | Do. | 2 |
| (21) | Paediatric | Do. | 5+1 Do. |
| (22) | General Surgery | Do. | 5+2 |
| (23) | Neonatology | Do. | 2 Do. |
| (24) | E. N. T. | Do. | 1+1 Do. |
| (25) | Ophthalmology | Do. | 1+1 Do. |
| (26) | Burns & Plastic Surgery. | Do. | 2 |
| (27) | Orthopaedics | Do. | 4 |
| (28) | Obst. & Gynaec. | Do. | 4+2 Do. |
| Total | | | 65+8 |

APPENDIX I

Statement showing the distribution of beds according to classification of departments, sex unit.

| Departments | Head of the Unit | Male | Female | Child | Unclassified. | Total |
|----------------|--------------------------------------|------|--------|----------------|---------------|-------|
| Medical I | Dr. J. C. Doshi | 20 | 20 | .. | .. | 40 |
| Medical II | Dr. R. D. Darne | 20 | 20 | .. | .. | 40 |
| Surgical I | Dr. D. K. Dastur | 20 | 20 | .. | .. | 40/35 |
| Surgical II | Dr. S. V. Shetty | 20 | 20 | .. | .. | 40/35 |
| I. C. U. I | D. K. Dastur | | | | | 5 |
| I. C. U. II | Dr. S. V. Shetty | | | | | 5 |
| Ophthalmic | Dr. V. H. Gandhi | 10 | 10 | .. | .. | 10 |
| Gynaec I | Dr. S. H. Shah | .. | 40 | .. | .. | 40 |
| Gynaec II | Dr. S. S. Palnitkar | .. | 40 | .. | .. | 40 |
| Gynaec III | Dr. S. D. Chaubal | .. | 40 | .. | .. | 40 |
| Skin | Dr. D. P. Deshpande | 5 | 5 | .. | .. | 10 |
| Orthopaedic I | Dr. R. N. Katre | 30 | 10 | .. | .. | 40 |
| Orthopaedic II | Dr. A. J. Thakur | 30 | 10 | .. | .. | 40 |
| Paediatric II | Dr. G. S. Hathi | .. | .. | 30+ 10 pre. | .. | 40 |
| Paediatric II | Dr. P. N. Patnekar | .. | .. | 30 10 pre. | .. | 40 |
| E. N. T. | Dr. S. P. Wagh | 10 | 10 | .. | .. | 20 |
| I. C. C. U. | Dr. R. D. Darne Dr. J. C. Doshi } | 5 | 5 | .. | .. | 10 |
| Psychiatric | Dr. V. N. Vahia | 10 | 10 | .. | .. | 20 |
| | | 180 | 260 | 80 | .. | 520 |

APPENDIX NO. I 'A'

Statement showing the distribution of beds according to wards, service and heads.

| Service | Name of the Head of the service | Beds Units Beds | Total Schedule strength of wards. |
|--------------------|--|-------------------------------|--|
| Medical (Male) | Dr. J. C. Doshi Dr. R. D. Darne | 20 20 | 40 |
| Medical (Female) | Dr. J. C. Doshi Dr. R. D. Darne | 20 20 | 40 From 29.10 |
| Surgical (Male) | Dr. D. K. Dastur Dr. S. V. Shetty | 20 20 | 40/35 |
| Surgical (Female) | Dr. D. K. Dastur Dr. S. V. Shetty | 20 20 | 40/35 |
| I. C. U. (Surg.) I | Dr. D. K. Dastur | 5) | 10 |
| I. C. U. II | Dr. S. V. Shetty | 5) | |
| Orthopaedic (Male) | Dr. A. J. Thakur Dr. R. N. Katre | 60 20 | 60 20 |
| Paediatric | Dr. G. S. Hathi Dr. R. N. Patnekar | 30 30 | 60 |
| Premature | Dr. G. S. Hathi Dr. P. N. Patnekar | 10 10 | 20 |
| Gynaec. | Dr. S. H. Shah Dr. S. S. Palnitkar Dr. S. D. Chaubal | 20 20 20 | 60 |
| P. N. C. | Dr. S. H. Shah Dr. S. S. Palnitkar Dr. S. D. Chaubal | 20 20 20 | 60 |
| Skin | Dr. D. P. Deshpande | 5 (MMW) 3 (FMW) 2 (Ch.) | 10 |
| Ophthalmic | Dr. V. H. Gandhi | 10 (Male) 10 (FMW) | 20 |
| E. N. T. | Dr. S. P. Wagh | 10 (MMW) 10 (FMW) | 20 |
| I. C. C. U. | Dr. J. C. Doshi Dr. R. D. Darne | 10 | 10 |
| Psychiatric | Dr. V. N. Vahia | 10 (MMW) 10 (FMW) | 20 |
| | | | 520 |
| Anti-Natal | 26 | Exclampsia | 4 |
| Post-Natal | 46 | Labour ward | 12 |
| Septic-Ward | 6 | Receiving-Room | 4 |
| Post-operative | 22 | | |
| | 100 | | 20 |

APPENDIX-II

Statement showing the particulars of Indoor and Out-door patients, No. of Operations performed etc. during the year 1982, 1981 and 1980.

| Particulars | 1982 | 1981 | 1980 |
|--|--------------------|--------------------|--------------------|
| (A) In-patients— | | | |
| 1 Schedule Bed strength | 520 | 520 | 520 |
| 2 Daily average No. of In-patients | 607 | 718 | 690 |
| 3 Daily average No. of admissions | 102 | 147 | 125 |
| 4 Total No. of new In-patients admitted | 29115 | 38239 | 37765 |
| 5 Average No of days | 7 | 7 | 7 |
| (B) Out-patients— | | | |
| 1 Total No. of New Out-patients attended | 104911 | 351695 | 349867 |
| 2 Daily average No. of New Out-patients | 339 | 1208 | 1130 |
| 3 Total No. of Out-patients attendance (New & Old) | 591926 | 932076 | 931793 |
| 4 Daily average No. of Out-patients attendance (New & Old) | 1613 | 3200 | 3100 |
| 5 No. of Casualty patients | 55337 | 69096 | 68743 |
| (C) Operations— | | | |
| 1 Total No. of Operations | 5203+1804 F. P. | 6429+1749 F. P. | 6140+1574 P. F. |
| 2 Total No. of Operations on Out-patient | 33341 | 33172 | 30761 |

APPENDIX NO. III

Statement showing the In-patients treated in Dr. R. N. Cooper Municipal General Hospital Juhu during the year 1981 with the classification according to departments, discharge and deaths.

| Department | In the Hospital mid-night of 31-12-81 | Admitted during the year 1982 | Total treated | Disch. during the year 1982 | Died | In the hospital be mid-night of 31-12-82 |
|----------------|---------------------------------------|-------------------------------|---------------|-----------------------------|------|--|
| Medical | 154 | 7345 | 28350 | 6873 | 550 | 76 |
| Surgical | 115 | 6307 | 35779 | 5849 | 460 | 113 |
| Gynac | 130 | 6342 | 45269 | 6306 | 44 | 122 |
| Paediatric | 60 | 3922 | 23613 | 3468 | 450 | 64 |
| Premature | 5 | 292 | 4546 | 165 | 130 | |
| Orthopaedic | 104 | 2504 | 32235 | 2489 | 38 | 81 |
| E.N.T. | 3 | 794 | 3103 | 775 | 2 | 20 |
| Ophthalmic | 9 | 706 | 3224 | 700 | .. | 15 |
| Skin | 7 | 82 | 1591 | 87 | 1 | 1 |
| I.C.C.U. | 1 | 368 | 3230 | 257 | 100 | 1 |
| Psychiatric | 19 | 425 | 5664 | 433 | .. | 11 |
| I.C.U. | ... | 28 | 399 | 4 | 4 | 20 |
| | 607 | 29115 | 187003 | 27406 | 1779 | 537 |
| L.W. | — | 27 | | | | |
| Neonatal Death | — | 19 | | | | |
| Casualty | — | 28 | | | | |
| Still Birth | — | 167 | | | | |

APPENDIX—IV

Statement showing the out-patient (New-Old) and casualty in Dr. R. N. Cooper Municipal General Hospital, Juhu during the year 1982 Classification according to the Dept., Sex

| Department | Sex | O.P.D. New cases | Casualty |
|-------------|--------|------------------|----------|
| Medical | Male | 15154 | 3866 |
| | Female | 11522 | 2197 |
| Surgical | Male | 6999 | 24847 |
| | Female | 3634 | 8444 |
| | M/ch. | 2022 | 4451 |
| | F/ch. | 1340 | 3191 |
| Gynaec | Female | 11669 | 2184 |
| Orthopaedic | Male | 3857 | 671 |
| | Female | 2355 | 272 |
| | M/ch. | 1281 | 221 |
| | F/ch. | 879 | 85 |
| E.N.T. | Male | 2450 | 68 |
| | Female | 1878 | 32 |
| | M/ch. | 1001 | 32 |
| | F/ch. | 835 | 34 |
| Ophthalmic | Male | 3253 | 82 |
| | Female | 1935 | 63 |
| | M/ch. | 607 | 26 |
| | F/ch. | 566 | 17 |
| Dental | Male | 1958 | 16 |
| | Female | 1375 | 5 |
| | M/ch. | 524 | .. |
| | F/ch. | 561 | .. |
| Paediatric | M/ch. | 7760 | 2843 |
| | F/ch. | 6378 | 1655 |
| Skin | Male | 3761 | 11 |
| | Female | 2278 | 12 |
| | M/ch. | 1296 | 1 |
| | F/ch. | 1009 | 1 |
| Psychiatric | Male | 2559 | .. |
| | Female | 1807 | .. |
| | M/ch. | 184 | .. |
| | F/ch. | 125 | .. |
| T.B. | Male | 610 | .. |
| | Female | 445 | .. |
| | M/ch. | 65 | .. |
| | F/ch. | 59 | .. |
| | | 104911 | 55337 |

APPENDIX—V

Statement showing the relative, cost per in-patient and out-patient per day during the year 1982-83 and previous two years.

| Particulars | 1982-83 | 1981-82 | 1980-81 |
|---|---------|---------|---------|
| 1. Average cost per In-patient per day | 60.92 | 48.28 | 39.90 |
| 2. Average cost per In-patient admission | 394.31 | 345.30 | 279.30 |
| 3. Average cost per Out-patient per day | 9.70 | 6.98 | 8.78 |
| 4. Average cost per out-patient admission | 35.82 | 18.49 | 25.12 |

APPENDIX—VI

Statement showing the details of cost-per In-patients for the year 1982-83 and previous two years

| Year | Diet. | Drugs & Dressing | Stores & lines | Healing Miscellaneous & lighting | Repair to Bldg. & Eng. | Estt. | Total |
|---------|-------|------------------|----------------|----------------------------------|------------------------|-------|-------|
| 1982-83 | 4.72 | 12.02 | 3.64 | 6.69 | 1.72 | 32.13 | 60.92 |
| 1981-82 | 2.56 | 13.81 | 2.80 | 0.15 | 0.69 | 23.27 | 48.28 |
| 1980-81 | 4.45 | 11.13 | 2.83 | 3.46 | 0.51 | 17.52 | 39.90 |

APPENDIX—VII

Statement showing the average cost of each New out-patient attendance for the year 1981-82 and previous two years.

| Year | Diet | Drugs & Dressings | Store & lines | Healing & Miscellaneous lighting | Repairs Bldg. & Engg. | Estt. | Total |
|---------|------|-------------------|---------------|----------------------------------|-----------------------|-------|-------|
| 1982-83 | .. | 1.91 | 0.58 | 1.82 | 0.28 | 5.11 | 9.70 |
| 1981-82 | .. | 2.00 | 0.40 | 0.74 | 0.11 | 3.73 | 6.98 |
| 1980-81 | .. | 2.54 | 1.10 | 1.47 | 0.17 | 3.58 | 8.78 |

SHRI H. B. M. G. HOSPITAL, BORIVALI

The required information is furnished as detailed below. (Along with Marathi version).

High Lights

| | | | | | |
|------------------------|-----|-----|-----|-----|--------------------|
| I.— Expenditure | ... | ... | ... | ... | Rs. 1,60,47,920.00 |
| (A) 1. On in-patients | ... | ... | ... | ... | Rs. 1,06,98,613.34 |
| 2. On out patients | ... | ... | ... | ... | Rs. 53,49,306.66 |
| (B) Average cost per— | | | | | |
| 1. In-patient per day | ... | ... | ... | ... | Rs. 50.12 |
| 2. Out-patient per day | ... | ... | ... | ... | Rs. 12.83 |

II.—Results in Patients :

| | | | | | |
|--|-----|-----|-----|-----|---------|
| (A) 1. Scheduled Bed strength | ... | ... | ... | ... | 300 |
| 2. Daily average in-patients in wards | ... | ... | ... | ... | 297 |
| 3. Admissions including those brought over from previous years | ... | ... | ... | ... | 17,792 |
| (4) Number of patients discharged as | ... | ... | ... | ... | .. |
| (i) relieved | ... | ... | ... | ... | 13,305 |
| (ii) as cured | ... | ... | ... | ... | 2,356 |
| (iii) Otherwise | ... | ... | ... | ... | 839 |
| (iv) Expired | ... | ... | ... | ... | 953 |
| (v) remained in the hospital on the last day of the year | ... | ... | ... | ... | 339 |
| (vi) daily average number of admissions | ... | ... | ... | ... | 48 |
| (vii) Average stay in-patients (in days) | ... | ... | ... | ... | 7 days. |
| (viii) Highest number of in-patients in a single day | ... | ... | ... | ... | 357 |

(B) Out Patients :

| | | | | | |
|--|-----|-----|-----|-----|----------|
| (i) New out patients attendance | ... | ... | ... | ... | 1,18,080 |
| (ii) Total No. of O. P. D. Patients | ... | ... | ... | ... | 2,83,918 |
| (iii) Daily average number of new out patients | ... | ... | ... | ... | 323 |
| (iv) Highest O. P. D. attendance on a single day | ... | ... | ... | ... | 1,323 |
| (v) No. of casualty attendance | ... | ... | ... | ... | 28,410 |

| | | | | | |
|-----------------------------------|-----|-----|-----|-----|-------|
| (C) (i) Operations on in-patients | ... | ... | ... | ... | 5,684 |
| (ii) Operations on out-patients | ... | ... | ... | ... | 6,048 |

(D) Confinements :

| | | | | | |
|--------------------------|-----|-----|-----|-----|-------|
| (i) Booked cases | ... | ... | ... | ... | 1,205 |
| (ii) Emergency cases | ... | ... | ... | ... | 483 |
| (iii) Normal | ... | ... | ... | ... | 1,227 |
| (iv) Abnormal | ... | ... | ... | ... | 461 |
| (v) Left before delivery | ... | ... | ... | ... | 11 |

Neonatal and Maternal deaths :

| | | | | | |
|----------------------------------|-----|-----|-----|-----|----|
| (i) Maternal deaths | ... | ... | ... | ... | 5 |
| (ii) Neo-natal deaths | ... | ... | ... | ... | 4 |
| (iii) Still births | ... | ... | ... | ... | 84 |
| (iv) Premature live born infants | ... | ... | ... | ... | 11 |

Specialised treatments :

| | | | | | |
|--|-------------------------|-----|-----|-----|------|
| (i) Sterilization (male) | ... | ... | ... | ... | 131 |
| (ii) Sterilization (Female) | ... | ... | ... | ... | 485 |
| (iii) I. U. C. D. (inserted) | ... | ... | ... | ... | 48 |
| (iv) Disease-wise distribution of cases treated and deaths including tuberculosis and S. T. D. of all forms. There should also be death of | 1) Food poisoning cases | ... | ... | ... | Nil. |
| | 2) Tuberculosis | ... | ... | ... | 17 |
| | 3) STD cases | ... | ... | ... | Nil. |

1. Electrocardiography Departments :

| | | | | | |
|----------------------|----|----|----|----|-------|
| (1) No. of ECG taken | .. | .. | .. | .. | 3,880 |
|----------------------|----|----|----|----|-------|

2. Physiotherapy Occupational Therapy Department.

| | | | | | |
|--------------------------------|----|----|----|----|--------|
| (1) Total No. of cases treated | .. | .. | .. | .. | 22,972 |
|--------------------------------|----|----|----|----|--------|

3. Radiology :

| | | | | | |
|----------------------------------|----|----|----|----|--------|
| (1) Total No. of X-Ray taken | .. | .. | .. | .. | 21,421 |
| (2) Total No. of Screening cases | .. | .. | .. | .. | 570 |

| | | | |
|--|----|-----|----------|
| 4. Blood Bank : | | | |
| (A) Blood samples collected from. | | | |
| (i) Voluntary Donors. | .. | .. | 114 |
| (ii) Professional Donors. | .. | .. | 170 |
| (iii) Other hospitals | .. | .. | 68 |
| (iv) Relative Donors | .. | .. | 360 |
| (v) Bottles supplied. | .. | .. | 2,228 |
| (vi) Bottles Dispatched | .. | .. | 1,823 |
| 5. Mobile dispensary. | | | |
| (i) Total No. of cases treated. | .. | .. | 13,675 |
| 6. Medical Record Department : | | | |
| (i) Total court calls attended by the Doctors | .. | .. | 90 |
| (ii) Total No. of Medical certificate (issued) to the patients. | .. | .. | 1,760 |
| (iii) Total no of Medico legal cases | .. | .. | 14,328 |
| 7. Ambulance Services : | | | |
| (i) Total No. of calls attended. | .. | .. | 1,224 |
| (ii) Total Amount Collected | .. | Rs. | 6,370.00 |
| (iii) Total Free calls. | .. | .. | 30 |
| 8. Hearse Services : | | | |
| (i) Total No. of calls attended. | .. | .. | 712 |
| (ii) Total Amounts Collected | .. | Rs. | 9,880.00 |
| Total free calls. | .. | .. | 24 |
| 9. Social Services Department : | | | |
| (i) Free Spects issued | .. | .. | 92 |
| (ii) Total cost collected | .. | Rs. | 1,520.00 |
| (iii) Total no of free appliances supplied | .. | .. | 30 |
| (iv) Legal aid to patients. | .. | .. | 4 |
| (v) Total No of spects issued | .. | .. | 76 |
| (vi) Total No of Babies handed over to (home for destitute children) | .. | .. | 3 |
| (vii) Total No of Voluntary Donors | .. | .. | Nil. |
| (viii) Counselling poisoning cases | .. | .. | 81 |
| 10. Pathology Department : | | | |
| (i) Clinical Pathology investigations (including serology) | .. | .. | 5,023 |
| (ii) Biochemical investigations | .. | .. | 3,648 |
| (iii) Blood Grouping and cross matching | .. | .. | 3,516 |
| 11. Anti Rabie Treatment : | | | |
| (1) Total No. of patients treated | .. | .. | 12,145 |
| 12. School Clinics : | | | |
| Total cases treated | .. | .. | 4,184 |
| 13. Psychiatric Department : | | | |
| (1) Total cases treated | .. | .. | 996 |
| 14. Dental Department : | | | |
| (i) Total cases treated | .. | .. | 5,034 |
| 15. Anaesthesia Department : | | | |
| Total No. of cases given anaesthesia | .. | .. | 14,783 |
| 16. Audiology and Speech Therapy Department : | | | |
| (i) Total No. of cases treated | .. | .. | 714 |
| 17. Poor Box Charity Fund : | | | |

The collection in the boxes of the Poor Box Charity Fund during the period from 1-1-82 to 31-12-82 Rs. 54,57.30, purchase of non schedule drugs and orthopaedic appliances Rs. 4,194.70.

18. Certificates :
(i) Total No. of Medical certificates of different types issued to the patient. 3,097
19. Dispensary :
The work carried out in the dispensary is as follows.
- | | |
|--------------------------|----------|
| (1) Out Patients | 2,83,918 |
| (2) In Patients | 17,792 |
20. Family Welfare Centre :
A family planning centre is run for the benefit of patients attending the hospital.
- | | |
|--|--------|
| (1) Vas-ectomy operations performed | 331 |
| (2) Sterilization operations performed | 485 |
| (3) Loops inserted | 48 |
| (4) Total No. of Oral pills given to patients. | 151 |
| (5) Total No. of condom given to patients. | 18,095 |
21. Special Facilities for Municipal Employees :
Separate special counters have been kept at the Registration Department, Dispensary for the municipal staff.
22. Library :
Total No. of new books-purchased. 58
23. Interns :
215 Graduates from L. T. M. G. Hospital are allowed to undergo internship training at this hospital. 215

ADMINISTRATION

DR. (SMT.) S. K. SARAF,
M.D. D.G.O. D.F.P.
Medical Superintendent.

Other Heads of Department.

| Name | Qualifications | Designation. |
|---------------------------|--|-----------------------------------|
| Dr. V. Y. Chavan | .. M.D.F.C.P.S.C. (C.P.S.) | Hon. Asstt. Physician. |
| Dr. S. R. Deshpande | .. M.D. | Hon. Asstt. Medicine. |
| Dr. N. N. Desai | .. M.B.B.S. (Bom.) M.R.C.P. (Lond) | Hon. Asstt. Paediatrician. D.C.H. |
| Dr. (Smt.) Shalini Bhatt. | .. M.D. (Pacd.) M.R.C.P. (Bom.) | Hon. Asstt. Paediatrician. D.C.H. |
| Dr. D. V. Bhagat | .. M.S. (Bom.) | Hon. Asstt. Surgeon. |
| Dr. A. R. Nerkar | .. M.S. (Bom.) Gen.-Surgery | Hon. Asstt. Surgeon. |
| Dr. (Smt.) Lata Dandekar | .. M.D.D.G.O.D.F.P. | Hon. Asstt. Gyn. & Obst. Unit II |
| Dr. (Smt.) S. K. Saraf | .. M.D.D.G.O.D.F.P. | Head of Gyn. & Obst. Unit I |
| Dr. A. N. Parelkar | .. M.S. (Bom.) Orth. Surgery | Hon. Asstt. (Orth) Surgeon. |
| Dr. K. P. Morwani | .. M.S. (Bom') DORL (Bom.). | Hon. Asstt. ENT Surgeon. |
| Dr. M. B. Kukreja | .. M.D. (Bom.) D.V. & V.D. | Hon. Asstt. Skin & V. D. |
| Dr. N. S. Athanikar | .. M. S. (Bom.) D.O.M.S. | Hon. Asstt. (Ophth) Surgeon. |
| Dr. M. R. Kamdar | .. M.D. (Bom.) D.A. (Bom.) | Hon. Asstt. Anaesthetist. |
| Dr. V. V. Chheda | .. M. D. (Bom.) D.M.R.E. (Bom.) D.M.R.D. (Lond.) F.R.C.R. (Lond) | Hon. Asstt. Radiologist. |
| Dr. (Smt.) S. S. Deodhar | .. B.D.S. (Bom.) F.R.C.R. (Lond.) | Part-time (Dentist) |
| Dr. K. S. Ayyar | .. M. D. | Hon. Asstt. Psychiatric |
| Dr. M. S. Purandare | .. M.D. (Pathology) | Hon. Pathologist |

APPENDIX I

Total No. of 9 patient treated department wise at O. P. D. and I. P. D. including patient remaining as on 31-12-1981.

| Serial No. | Name of the Department | Treated O.P.D. | Patients Indoor |
|------------|-------------------------------------|----------------|-----------------|
| 1 | Department of Medicine | 7,955 | 4,326 |
| 2 | Department of Surgery | 37,037 | 3,293 |
| 3 | Department of E.N.T. | 13,348 | 735 |
| 4 | Department of Ophthalmology | 9,332 | 562 |
| 5 | Department of Skin and V.D. | 23,438 | 6 |
| 6 | Department of Paediatric | 37,704 | 2,903 |
| 7 | Department of Orthopaedics | 29,058 | 1,251 |
| 8 | Department of Gynaecology and Obst. | 19,457 | 3,838 |
| 9 | Department of Dentistry | 5,034 | .. |
| 10 | Department of Psychiatry | 1,549 | .. |
| 11 | Department of Casualty | 28,410 | .. |
| | Total | 2,83,918 | 17,792 |

APPENDIX II.

Distribution of beds

| Sr. No. | Department | Male | Female | Children | Total |
|---------|--------------|------|--------|----------|-------|
| (1) | Medical | 30 | 18 | .. | 48 |
| (2) | Surgical | 35 | 17 | .. | 52 |
| (3) | Gyn. & Obst. | .. | 75 | .. | 75 |
| (4) | Ortho. | 10 | 25 | .. | 35 |
| (5) | E. N. T. | 15 | 10 | .. | 25 |
| (6) | Ophthalmic | 15 | 10 | .. | 25 |
| (7) | Paediatrics | .. | .. | 35 | 35 |
| (8) | Casualty | .. | .. | .. | 5 |
| (9) | Total | | | | 300 |

SHORT NOTE.

The late Shri Harilal Bhagwati donated a piece of land of the Municipal Corporation in the year 1962 for construction of the hospital so as to provide Medical relief facilities to the people staying in the Northern end of the city. Foundation stone was laid by late Shri Marotrao Kannamwar, the late chief Minister of Maharashtra on 1-9-1965 and the hospital was inaugurated by Shri Morarji Desai, the then Deputy Prime Minister of India on 4-2-1968. Originally the hospital started with 50 beds with only two wards, one for females and another for males. There was a unit of two operation Theatres and laboratory for routine Pathological examinations. In the year 1971 Paediatrics ward with 30 beds was added and the bed strength of the existing Wards was increased by 10 each making the total bed strength to 100. In the year 1975 expansion activities started at the hospital and all specialised departments such as Gynaec and Obstetrics, E. N. T. Orthopaedic Ophthalmic (Skin and V. D.), Radiology, Pathology, Anti Rabic-Immunizations, School Clinics, Psychiatric, Dental Department, Anaesthesia, Audiology and speech Therapy, Poor box Charity fund. Dispensary Family planning centre, Special facilities to Municipal Emplouyees, library Internship for Post Graduate, etc., were gradually raising the total bed strength to 300. The No. of operation Theatres was also increased to 7.

We have now 2 Suits of operation Theatres with in all 7 Operation Theatres. Two suits have been air-conditioned.

The Blood Bank at the hospital was in to Commission in August 1977. It is working round the Clock on receipt of donation from the Lions Club of Borivli (West). It has been named after Shri Keshavlal Jethuchand Bhonsali Lions Blood Bank on 24th June 1979.

The hospital had no casualty Department and cases of accidents etc., were, therefore, directed to Dr. R. N. Cooper Hospital. The casualty Department at the hospital was put in to commission from 22-5-1978.

Part time Dental Clinic started at this hospital from March 1978. School clinics started from 3-3-1980. Psychiatric department from 8-9-1980.

The following Departments and services exist at the hospital.

| Department | | Bed strength. |
|------------|--|---------------|
| (1) | Medicine | 48 |
| (2) | Surgical | 52 |
| (3) | Orthopaedic | 35 |
| (4) | E. N. T. | 25 |
| (5) | Ophthalmic | 25 |
| (6) | Gyn. & Obstetrics | 75 |
| (7) | Paediatric | 35 |
| (8) | Casualty | 5 |
| | | 300 |
| (9) | Skin and V. D. | |
| (10) | E. C. G. Department | |
| (11) | Radiology Department | |
| (12) | Pathology Department | |
| (13) | Blood Bank (Round-the-clock) | |
| (14) | Occupational Therapy and Physio Therapy (Part-time) | |
| (15) | Dental Clinic (Part-time) | |
| (16) | Medical Record Department | |
| (17) | Social Service Department. | |
| (18) | Family Welfare Centre | |
| (19) | Immunization Centre. | |
| (20) | Mobile Dispensary | |
| (21) | Ambulance Service and Hearse Service (Round-the-clock) | |
| (22) | School Clinics | |
| (23) | Psychiatric Department. | |
| (24) | Audiology and Speech Therapy Department. | |
| (25) | Poor Box Charity Fund | |
| (26) | Library (Department) | |

This hospital has the facility of supply of Liquid Petroleum Gas through Pipes to Kitchen and ward pantries for which a Gas tank with 10 metric Tonnes capacity has been installed in the compound of the hospital. The facility of centralised supply of medical gases and suction system has been installed and started functioning.

Nurses Training school is started for 60, student nurses at this hospital in the 1981 and necessary construction have been completed for classroom, laboratories with built in Furniture facilities. The trainees Nurses are accommodated in the Nurses Home building etc.. There are Three buildings for residential Quarters with in all 40 blocks in the compound of the hospital, which accommodate essential staff.

At present Mortuary is constructed and the mortuary block is expected to start soon.

DR. (SMT) S. K. SARAF
 Medical Superintendent,
 Shri H.B.M.G. Hospital,
 Borivali, Bombay 92.

CITY ENGINEER'S DEPARTMENT

HIGH-LIGHTS :

I—(A) Expenditure :

| | Rs. |
|--|------------------------|
| Expenditure incurred :— | |
| (i) On execution of Loan Works | 36,83,71,814.00 |
| (ii) On execution of revenue works | 3,95,88,692.00 |
| (iii) On Establishment | 30,69,42,553.00 |
| (iv) On other heads— | |
| (a) From Loan Works Budget | 7,06,04,445.00 |
| (b) From Revenue Budget | 1,03,38,61,871.00 |
| (B) Revenue Earned : | 12,26,55,196.00 |

II—Achievements :

| | Completed | In progress |
|---|-------------------------|--------------------------|
| (1) Building Construction Branch— | | |
| (a) Housing tenements | 2 Bldgs. | 938 T/S |
| (b) School Buildings | 6 | 22 |
| (c) Markets | 2 | 7 |
| (d) Hospitals, Maternity Home & Dispensaries | 6 | 22 |
| (e) Other Building Works | 13 | 42 |
| (2) Road Construction Branch— | | |
| (a) Road surfacing in Asphalt Concrete | 8 | 14 |
| (b) Road surfacing in Cement Concrete | .. | 13 |
| (c) New Roads including S.W. Drains | 8 | 19 |
| (d) Road widening | 30 | 43 |
| (e) Any Other Works | 9 | 23 |
| (3) Building Proposal Branch— | | |
| (a) Residential Building Proposals— | Under Section 337 | Under Section 342 |
| (i) Received | 1528 | 1632 |
| (ii) Approved | 1138 | 916 |
| (b) Non-Residential building proposals | | 723 |
| (c) Residential buildings constructed (No. of tenements are shown in brackets)— | | |
| By Private Parties | 387 (5584) | 7 (53) |
| By Co-op. Societies | | |
| By Employers for staff | | |
| 642 (8831) | | |
| (4) Non-residential building constructed by private parties. | | 257 |
| (4) Slum Improvement Branch— | | |
| (i) Colonies covered for Improvements | | 117 |
| (5) Air Pollution Prevention Cell— | | |
| (i) Air Pollution complaints attended | | 301 Nos. |
| (ii) No objection certificate issued | | 67 Nos. |
| (iii) Proposals concerning factory administration | | 530 Nos. |
| (iv) Proposals for registration of Electrical furnaces and ovens | | 104 Nos. |
| (v) No. of samples collected and analysed at Monitoring Stations | | 5,958 Nos. |
| (6) Mechanical Branch— | | |
| (a) Jobs attended by— | | |
| (i) Workshop | | 1,124 |
| (ii) Foundry | | 170 |
| (iii) Washing services rendered by Municipal Power Laundry | | 49 medical Inst. |
| (iv) Linen washed by Laundry | | 44,08,540 |
| (7) Electrical Branch— | | |
| (i) Building Construction Section. | | |
| (ii) Works by Contract (a) Completed—55 | | (b) In Progress—76 |
| (iii) Plant and Machinery Section— | | |
| Jobs executed— (a) Departmentally—413 | | (b) Through Contract—57. |
| (iv) Refrigeration Section— | | |
| Works by Contract (a) Completed—14 | | (b) In Progress—4. |

(8) Transport Branch—

Transport Branch used 855 vehicles. for rendering various services to V.I.P. the staff and different committees and also for health services, conservancy services, meat van services and encroachment removal services, etc.

(9) Conservancy Branch—

| | | | |
|--|----|----|---------------|
| (a) Refuse and other waste matter removal in tonnes. | .. | .. | 11.55 |
| | | | (Lakh tonnes) |
| (b) Total vehicles employed for removal of refuse .. | .. | .. | 2,30,728 |
| (c) Public Latrines maintained .. | .. | .. | 1,031 |
| (d) Urinal stalls maintained .. | .. | .. | 986 |
| (e) Welfare Centres for the Conservancy employees. | .. | .. | 22 |

(10) Acquisition of Land—

| | | | |
|---|--|--|-----|
| (a) Properties acquired—Under L.A. Act— | | | |
| (i) By Proceedings | | | 14 |
| (ii) By Negotiations— | | | 3 |
| (b) Proceedings in Progress— | | | 335 |

(11) Maintenance of Municipal Properties—

| | | | |
|---|--|--|----------|
| (i) Buildings | | | 1894 |
| (ii) Roads— | | | 14017766 |
| (iii) Works carried out through P. W. C.— | | | 1296 |

(12) Supervision of private buildings and factories—

| | | | |
|---|----|----|--------|
| (i) Notices under different sections of the Act. | | | |
| Issued—3620; Complied with—1679, Pending—1977. | | | |
| (ii) Unsafe buildings or portions thereof removed by the Corporation under section 489 of Bombay Municipal Corporation Act. | | | 316 |
| (iii) Authorities granted to the tenants under section 499 of the Bombay Municipal Corporation Act. | | | 205 |
| (iv) Tenants who took advantage of the authorities | .. | .. | 2,792 |
| (v) Action taken against unauthorised structures .. | .. | .. | 10,066 |
| (vi) Unauthorised structure removed— | | | |
| By Parties—541; By Corporation—1766; Cases where action dropped—369 | | | |
| (vii) Factory permits issued .. | .. | .. | 1,382 |
| (viii) Prosecution launched .. | .. | .. | 2,260 |
| (ix) Prosecutions decided in favour of the Corporation .. | .. | .. | 1686 |

1. PLANNING BRANCH :

This Branch headed by Dy. City Engineer (Planning and Design) is mainly concerned with activities of preparing plans and estimates of Municipal Buildings, invitation of tenders and awarding contracts for the Works and also for Petty works of repairs to Municipal Buildings, propping works in respect of dangerous buildings and supply of drawing materials to Municipal Departments. The details of the work carried out during the year under report are as under :—

| Serial No. | Particulars | General Building Works. | | Housing | | Slum Improvement | | Annual Contract for Drawing material | Annual contract for propping etc. | Providing Furniture to Municipal properties | Waterproofing treatment to the Municipal properties and construction of compound walls. | |
|------------|--|-------------------------|--------------------|---------|-------|------------------|-------|--------------------------------------|-----------------------------------|---|---|---------|
| | | City | Subs. & Ext. Subs. | City | Subs. | City | Subs. | | | | | P.W.C. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| 1 | Cloth tracing .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2 | Paper tracing .. (General Drawing) | 301 | 315 | 20 | 30 | .. | .. | .. | .. | .. | .. | .. |
| 3 | Blue print copies | 7000 | 6000 | 6000 | 4000 | 2672 | 2788 | .. | .. | .. | .. | .. |
| 4 | Block estimates .. | 19 | 20 | 4 | 2 | .. | .. | .. | .. | .. | 15 Nos. | 2 No. |
| 5 | Amount of Block estimates (Rs. in crores) | 8.12 | 13.71 | 2.10 | 0.62 | .. | .. | .. | .. | .. | 0.04 | 0.3 |
| 6 | Detailed plans and estimates. (Nos.) | 23 | 39 | 2 | 8 | .. | .. | .. | .. | .. | 15 Nos. | 2 Nos. |
| 7 | Amount of detailed estimates (Rs. in crores) | 4.82 | 13.42 | 0.15 | 1.72 | .. | .. | .. | .. | .. | 0.40 | 0.26 |
| 8 | Contract awarded Rs. 172958229 Rs. 203337042 Rs. 183531249 Rs. 1970365 | | | | | | | 33 No. | 3 Nos. | 11 Nos. | 15 Nos. | 2 Nos. |
| 9 | Detailed estimates in hand (Nos.) | 21 | 21 | 7 | 10 | .. | .. | .. | .. | .. | 12 Nos. | 25 Nos. |
| 10 | Approx. cost of detailed estimates in hand (Rs. in crores) | 17.70 | 29 | 4.18 | 1.20 | .. | .. | .. | .. | .. | 0.35 | 5.0 |

2. REPAIR BOARD CELL :

Two A.Es. with four Sub-Engineers, (at present only three Sub-Engineers as one Post is not filled in for more than last six months), are working in this Cell under direct control of City Engineer and since 21st February 1983 under direct control of Dy. City Engineer (City).

The Repair Cell is created in the year, May 1970 for doing such work as will help the members representing the Corporation on Bombay Housing and Area Development Board to play their Roles effectively and also to collect such informations as they may need for giving effect to the provision of Bombay Municipal Corporation Act, concerning the repairs action as enunciated under Section-102 of the Maharashtra Housing and Area Development Board Act.

The road features of the work done by the Staff working in the Repairs Cell during the year, from 1st April 1982 to 31st March 1983 are as under :—

Preparing of Agenda Notes for Boards meeting.

(1) Boards Technical Committee meetings and special meetings held every month (27).

(2) Scruting of the Draft Schemes submitted by the Board for reconstruction of Buildings (25).

(3) Sites inspection of Location of the Building which were to be undertaken by the Bombay Housing and Area Development Board for Structural Repairs (140). Such inspections are necessary to determine the admissibility of Structural Repairs for such Buildings viz. if affected by Development Plan Reservation, proposed Regular Line of Roads, widening of Road Schemes, etc.

(4) Replies to interpellation, short-notice questions and notice of motion by the members of the Corporation and in the different Committee members, repies to Assembly stard Questions referred to by the State Government, etc.

(5) Comments on the proposals referred to by the Building Proposal Section, are given on the repairs to the cessed Building for considering the permission for Repairs, etc. (160).

3. SLUMS.

Since establishment of the Cell in 1969, the work of providing civic amenities in different hutment colonies has been continued under the programme of environment improvement of Slum. A grant assistance of Rs. 26,33,977.06 has been received during the year from Bombay Housing & Area Development Board by way of reimbursement of the expenditure incurred on the basic amenities provided during the year.

The colonies comprising of a population of about, 1,19,595 were provided amenities under the Slum Improvement Programme during the year. The Corporation has provided about 90 Nos. of W. C./A. P. Seats, 94,341 Sq. mts. passages of 34,075 R. Mts. of drains and 19 Nos. of water Taps.

The Corporation in addition to the basic amenities has also provided additional amenities such as five Nos. of school, Nine Nos. of Dispensaries, Five Welfare Centres, Two Balwadies, Two Police Chowhy, Two Rent Collectorfchowhy and construction of Twenty Nos. of A. P. Bloch, 380 seats at Cheeta Camp, Chembur 'M' Ward.

The details in respect of the colonies improved and works in progress during the year, 1982-83 are given below :

| | | | |
|---|----|----|----------|
| (1) No. of colonies on Municipal land. | .. | .. | 107 Nos. |
| (2) No. of colonies on Government land. | .. | .. | 3 Nos. |
| (3) No. of Colonies on private land | .. | .. | 7 Nos. |

Total : 117 Nos.

(A) S. I. worh of basic amenties completed 57

S. I. worhs in progress. 60

(B) Worh of additional amenities completed 23

Worh in progress. 64

4. DEVELOPMENT PLAN :

The Development Plan Department has the following main functions —

(1) Implementation of Development Plan sanctioned in 1267.

(2) Revision of Development Plan as required under Section 38 of the Maharashtra Regional and Town Planning Act, 1966.

(3) Acquisition of land required for providing various amenities.

(4) Implementation of Town Planning Scheme.

Specific work done during the year as under :—

(1) *Implementation of Development Plan Sanction in 1967 :—*

18 proposals were initiated for modifying the Development Plan reservations in the year 1982-83 out of which 5 proposals were sanctioned by the Corporation under Section 37 of the Maharashtra Regional and Town Planning Act, 1966. 4 proposals are submitted to the Government for their sanction and 9 proposals are in process. No proposal is initiated under section 50 of the aforesaid Act. In addition to this, 5 proposals for modifying the provisions under Development Control Rules for Greater Bombay were initiated out of which one proposal is submitted to Government for their sanction and 4 proposals are in process.

2 Revision of Development Plan :

The work of preparing draft Revised Development Plan of the City Words is already completed and the maps have already been printed. The Corporation have accorded their sanction to publish the same as required under Section 26 (1) of the Maharashtra Regional and Town Planning Act, 1966 inviting suggestions and/or objections from the member of the public. Further action in this respect is in progress. Draft Revised Development Plans for Suburban Wards are finalised and are being discussed with the Ward Councillors. The suggestions and/or objections receive from the Ward Councillors are under examination. The revised Development Plan of Suburban Word will be suitably modified wherever necessary and will be submitted to the Corporation for their approval to publish the same very shortly.

The Draft Revised Development Control Rules including Municipal Building Bye-laws is finalised for all the Corporations in the State of Maharashtra and decided to be adopted for the Revised Development Plan have also been printed and are available on sale to the members of public.

3 Aquisition Section :—

Due to the financial stringency, the Acquisition proceedings to acquire the properties for various public purposes were required to be slowed down during the year 1982-83. It had become difficult to initiate proceedings to acquire even partly encumbered properties specially for want of suitable alternative accommodation to clear such lands. However, 3 properties have been acquired by negotiations and further 14 properties were acquired through Land Acquisition proceedings. Awards were made by the Special Land Acquisition Officer in respect of 18 properties. One property is acquired under the Land Acquisition Act (I) 1894. Work of acquiring 325 properties under Maharashtra Regional and Town Planning Act 1966 and Land Acquisition Act (I) 1894 and 10 properties by negotiation is in progress.

In addition to this, land rates in respect of acquisition of set back lands, in all 3 cases were fixed. The standard rent in respect of 44 Municipal properties were also fixed.

4 Town Planning Scheme :

There are 33 Town Planning Schemes in the whole Greater Bombay, 4 in City Proper, 25 in Suburbs and 4 in Extended Suburbs.

CITY :

(1) Town Planning Scheme Bombay City No. 1 : Work is already in Progress.

(2) Town Planning Bombay City No. II (Mahim Area)—The Tribunal concluded its hearing on 30th March 1982 on varied scheme and further action is being taken by the Arbitrator T. S. Bombay for this scheme.

(3) Town Planning Scheme Bombay City No. III (Mahim area) Tribunal was appointed for this scheme under variation by the Government of Maharashtra vide Government Notification of Urban Development Department No. TPB/4382/1496/UD-5, dated the 23rd August 1982 and Tribunal concluded its hearing on 9th March 1983. Further action by the Arbitrator T.P.S. Bombay is in progress.

(4) Town Planning Scheme Bombay City No. IV (Mahim area) This scheme is under 2nd variation and work thereof is in Progress.

SUBURBS :

There are in all 25 Town Planning Schemes in Suburbs. Except the below mentioned schemes all other schemes are finalised and are being implemented by the concerned Ward Officers. It may be added here that now all the schemes except the following, are under variation.

- | | | |
|--|----|---|
| (1) T.P.S. Bandra No. III (1st variation) | .. | Arbitrator has forwarded the scheme to Government and its sanction is awaited. |
| (2) T.P.S. Santacruz No. VI (1st variation) | .. | Do. Do. |
| (3) T.P.S. Ghatkopar No. III (1st variation) | .. | Do. Do. |
| (4) T.P.S. Vile Parle No. v (Principal) | .. | Arbitrator has declared the award on 31st March 1982. Tribunal has been appointed vide Government Notification No. TPB/4383/5361/UD-5, dated 28th April 1983. |
| () T.P.S. Santacruz No. V (1st variation) | .. | This scheme has been finalised and sanctioned by Government. The scheme is in force from 1st February 1982. |

EXTENDED SUBURB :

There are in all 4 Town Planning Schemes in Extended Suburbs out of these 4 schemes, the 2 schemes viz. T.P.S. Malad No. I (1st variation) and T.P.S. Borivli No. I are under variation.

Position of other two Schemes is as under :—

- | | | |
|---|----|--|
| (1) T.P.S. Borivli No. II (1st variation) | .. | This scheme has been submitted to Government by the Arbitrator for its final sanction and the same is awaited. |
| (2) T.P.S. Borivli No. III (Principal) | .. | This scheme is before the Arbitrator for finalisation. |

2. CIVIL AND ENVIRONMENTAL SANITATION AND PROJECT BRANCH :

(1) The department of the Dy. City Engineer, Air Pollution and Projects came into existence in June 1976.

(2) The following offices work under the Administrative and Technical Control of this Department :—

- (a) Air Pollution Prevention and Control Cell.
- (b) Central Ambulance Service and Emergency Medical Care Project including setting up of Tele-communication Net-work for water works installations and CAS.
- (c) Civil Defence.
- (d) Project of supply of Natural Gas in Greater Bombay and matters connected with Municipalization of Bombay Gas Company.
- (e) Special Projects.
- (f) Expansion proposals of Deonar Abattoir

1. AIR POLLUTION PREVENTION AND CONTROL CELL :

As the Ambient Air Quality (AAQ) in Greater Bombay started showing deterioration, an independent Air Pollution Prevention Cell (APPC) was atedted by the Corporation in June 1976 to tackle exclusively the problem of Air Pollution and related matters. The APPC has two distinct wings :—

- (a) Administration and Engineering Wing; and.
- (b) Health Survey Wing, which operates from K.E.M Hospital, Parel.

The Administrative and Engineering wing is further divided into three distinct Groups :—

(a) Air Quality Monitoring Group which is entrusted with air quality surveillance, Air Pollution Meteorology and determination of the pollution trends, investigation of pollution episodes, vegetation and property damage studies, etc.

(b) Emission Inventory Group, which is entrusted with the task of compilation of comprehensive emission inventory of all polluting sources, stack monitoring, nature of pollutants, their transportation, dispersion etc. industrial location policy, shifting of industries which are obnoxious and posing danger to public health etc.; and noise pollution surveys.

(c) Enforcement Group, which is entrusted with factory administration and licensing from Air Pollution Point of view, investigations of complaints, concerning pollution, taking control measures.

3.1. The Air Pollution Analytical Laboratory has been set up at Worli since 17th January 1978 for carrying out Ambient Air Quality and stack monitoring of various "Criteria" pollutants like Sulfur dioxide, Suspended particulate matter, Oxides of Nitrogen in general and ammonia, oxidants, carbon monoxide, Hydrocarbons at certain specific places. The meteorological parameters like wind speed, wind direction, temperature and relative humidity are also monitored. The Laboratory is shifted to Khar from 7th April 1982.

3.1.1. During the year under report the following activities were carried out by this wing :—

(i) Total number of stations under routine survey programme are ten. The monitoring frequency is every 6th Day. The ten sites are :—

- (1) Colaba.
- (2) Babula Tank.
- (3) D.C. Road.
- (4) Dadar.
- (5) Chembur Naka.
- (6) Saki Naka.
- (7) Ghathopar.
- (9) Mulund.
- (8) Borivli.
- (10) Goregaon.

(ii) Five Air Monitoring stations set up under the Health Survey Programme are continued to be operated during the year.

(iii) Air Monitoring stations sponsored by BMRDA were set up and air monitoring was carried out. They are as follows :—

- (i) Bharat Refineries.
- (2) Sewree (Nautical Engineering College).
- (3) Mankhurd (First the air monitoring was carried out at Anushakti Nagar which was discontinued due to residents' complaints and shifted to Manhhurd).

(iv) Air Monitoring Stations sponsored by RCF were set up and air monitoring was carried out. They are as follows :--

- (1) Maravali.
- (2) Sion-Koliwada.

(v) The Pollutants monitored during the year were SO₂, NO_x, SPM (Suspended Particulate Matter). The SPM was further analysed for 12 different parameters like water solubles, Sulphate, Nitrate, Chloride, Volatile Matter, Heavy metals like Cadmium, Lead, Nickel, Vanadium, Arsenic, Bismuth, Chromium, Cobalt, Copper, Iron, Manganese and Carcinogenic substances like Benzo(a) Pherne.

(vi) The research projects like property damage, vegetation damage, sulphation rate were continued during the year.

(vii) The meteorological data is collected at various stations established by us, for the measurement of wind speed, direction, temperature and relative humidity. Rain fall data is collected at twenty stations. Five Stations have been set up for the measurement of ground level temp. and relative humidity.

(viii) The Laboratory has acquired and is using :--

- (1) Spectrofluorometer.
- (2) Atomic Absorption Spectrophotometer.
- (3) Automatic Chemistry analyser along with SP-3-100 Spectrophotometer.
- (4) Gas Chromatograph for the analytical work of air pollutants.
- (5) Anderson's size selective inlet.
- (6) Anderson's dichotomous sampler.
- (7) Anderson's size fractionator.
- (8) High Volume air sampler of General metal works.
- (9) Cahn balance.
- (10) Dynamic calibration system of monitor Lab.
- (11) Personal monitor of Cyclon prefiltera of Du pont.
- (12) Calibration unit of GMN.
- (13) Cotton dust sampler of GMN.
- (14) Photomicroscope.

(ix) WHO sponsored Project to assess the Human exposure to air pollutants in Bombay has been commissioned in October 1982.

(x) The Laboratory which was housed in NEERI building at Worli is shifted to new Municipal Market Building at Khar from 7th April 1982.

(xi) The statistical information about the monitoring activities is given in Annexure I & II

3.2. Emission Inventory Group :

This group was set up during the year 1980-81.

The main function of the group is to prepare a Comprehensive Emission Inventory of all polluting sources. The group also deals with the proposals of shifting of Non-Conforming Industries which are obnoxious and causing danger to the public health.

Noise Pollution Problems and traffic studies in Greater Bombay are looked after by this group. All matters pertaining to air quality sectional committee and sub-committees of I.S.I. are attended by this section as a liaisoning agency.

3.2.1. Equipment for Stack sampling were procured from Messrs. Anderson Samplers Incorporated of U.S.A. The pollutants like particulate matter, SO₂, NO_x, Acid Mist and other gaseous pollutants from the Stack would be collected from the Stack on site. This will help in quantifying pollutants discharged from the stack.

3.3.1. Following Equipments were also procured in the year under report for setting up the Laboratory to analyse the samples collected from the stack :--

- (i) Spectrophotometer.
- (ii) Single Pan Balance.
- (iii) Hot Plate.
- (iv) De-onoizer.
- (v) Glass Wares.

3.2.3. Data Collection forms the Vital Part for Comprehensive Emission Inventory. Amongst the various methods available for data collection it was decided to follow the method of "Collecting the data by sending Questionnaires". The industrial Sector and the mobile sources were given first priority for data collection.

From the data collected from various ward offices and the departmental files a list of industries was prepared.

The Industries were categorised according to the connected load and 1,182 questionnaires to the industries in the individual groups were sent by post. The response from the industries was recorded and further scrutinized for sending the next questionnaires calling for process details etc. so as to work out the emissions.

3.2.4. In addition to this traffic studies were carried out during the year at selected junctions and traffic counts were taken with the help of Traffic Counter.

3.2.5. Five noise Nuisance complaints received from the Enforcement Wing were also attended.

3.2.6. The information regarding 484 Non-conforming Industries which are to be shifted was collected from all the wards and activitywise lists were prepared and were forwarded to the Government from time to time.

3.2.7. I.S.I. meetings connected with the subject concerning Air Pollution were attended from time to time. Suggestions to amend existing standards and preparation of new standards were also forwarded to I.S.I. for consideration.

3.3. Enforcement Group :

During the year under report 1002 proposals were dealt with as listed below as against 901 dealt with in the last year.

| | |
|---|-----|
| (i) Air Pollution complaints including Noise Vibration Odour and Smoke Nuisance | 301 |
| (ii) No Objection Certificate issued for Steam Boilers Thermic fluid heaters oil/coke fired furnaces. Diesel Generating sets etc. | 67 |
| (iii) Proposals concerning factory administration dealing with renewal of permits, regularisation/rejection of additional loads, etc. | 530 |
| (iv) Proposals for registration of Electrical Furnaces/ovens | 104 |

3.3.1. The Corporation has sanctioned the proposals for levying pollution abatement fees on the Industries vide C.R. No. 1646 of 17-10-1978. During the year under report the fees amounting to Rs. 54 65 170 were collected from the different industries as against Rs. 40,65,750 collected during the last year.

3.4. Health Survey Wing :

A separate Health Survey Unit has been established to study the effects of air pollution on human health, which is carrying on its work at K.E.M. Hospital.

3.5. Water Pollution Control :

3.5.1. Various Industries are discharging their industrial effluent into Municipal drains nallas, sewers without giving any treatment. A Survey of such industries which was started in the year 1980-81 was continued in the year 1982-83.

3.5.2. So far a total of 94 industries in the City and 504 industries in the Suburbs are found to be discharging harmful industrial/domestic effluent without any treatment. As a first step a questionnaire is sent to these industries to detect the extent of pollution, to ascertain quality and quantity of trade effluent. The industries are also requested to obtain consent of M.W. (P. & C.P.) Board for the discharge of their effluent. They are also persuaded to put up treatment plant to give treatment to the effluent and bring it to the prescribed standards. Action against defaulting/adamant industries is initiated through the concerned Ward Officer. Reference is also endorsed to M.W. (P. & C.P.) Board to initiate action. Similarly in case of certain industries M.W. (P. & C.P.) Board has requested the M.C.G.B. to initiate action. In case of any complaint the sites are inspected. A technical scrutiny of proposals of waste treatment plant is also made by this Cell and suitable modifications suggested, if required. For expediting the proposals through various Departments of Corporation necessary guidance is given to the industry desirous of putting up the waste water treatment plant. About eight industries have already come forward with the proposals to construct Treatment plant through their consultants. Three other industries have already commenced the work of construction of Treatment Plants.

The normal policy of the water pollution control cell is to motivate the industries to take measures for control of water pollution and only in hard cases action is instituted.

4. Emergency Medical Care Project :

4.1. The Planning, execution and Operation of the Project was continued during the year as under :—

4.1.1. Emergency Medical Care Centress :

(i) In the E.M.C.C. at L.T.M.G. Hospital, Sion, additional facilities such as ICCU, separate operation theatre, for Trauma Ward, piped oxygen are almost ready for commissioning.

(ii) EMCC at Dr. R.N. Cooper Hospital is commissioned on 27th October 1982 along with ICCU. This is the second EMCC, which is commissioned as per the plan of CAS.

(iii) Construction of EMCC at M.T. Agarwal Hospital, Mulund, is in progress. Fabrication and airconditioning work, oxygen piping, are to be completed. The above centre is expected to start functioning next year.

(iv) Construction of EMCC at Centenary Hospital, Kandivli, is completed and O.P.D. section is inaugurated by M.C. on 25th March 1983. Since the back-up facility at this newly built hospital is not available, EMCC will be started after the hospital starts functioning normally.

(v) Centenary Hospital at Govandi is also completed and O.P.D. Section is inaugurated on 12th December 1982. Here also EMCC is ready. However, as the back-up facility is not available, EMCC will be started after the hospital starts functioning normally.

(vi) Tenders for construction of EMCC at Rajawadi Hospital are to be invited.

4.1.2. CAS Head Quarters at Chembur :

The block estimate and plans prepared by Messrs. Premnath and Associates, are ready with Dy. C.E. (P. & D.). However the plot on which this head quarters is to be constructed is under litigation and encroached upon by illegal occupiers. Sr. W.O. M. Ward and Law Officer have been requested to take necessary steps to acquire this plot so that construction can be started.

4.1.3. Ambulance Garages and Satellite Centres :

(A) Garages and Satellite centres at the following sites are ready :—

- (1) Maternity Home, Tagore Nagar, Vikhroli.
- (2) Bhandup Maternity Home.
- (3) Maternity Home, Mulund (East).
- (4) Bhabha Hospital, Bandra (West).
- (5) Maternity Home, Kherwadi, Bandra (East).
- (6) Haji Babu Road Maternity Home and General Hospital, Malad (East).
- (7) G.T.B. Hospital, Sewree.
- (8) Mahim Maternity Home.

(B) For following garages work orders have been issued and the work will be started soon :—

- (1) Rawli Maternity Home.
- (2) Maternity Home, Chunabhatti.
- (3) Maternity Home and General Hospital at Barve Nagar, Ghatopar (West).

(C) Tenders for CAS Garage at Maternity Home at Chembur Naka have been invited and the same is before Standing Committee.

(D) For the following garages plans and estimates are being prepared by Dy. C.E. (P & D)'s Department. These after tenders will be invited. It is expected that these garages will be ready in the next financial year.

- (1) GAS Garage at Maternity Home at Malad Marve Road, Malad (West).
- (2) GAS Garage at I.B. Patel School Compound, Goregaon (W).

4.1.4. Central Ambulance Service Ambulance Section :

(1) Fabrication of body building on 3 'A' type Ambulances is completed and all the Ambulances in 'A' type are registered with RTO.

(2) Installation of oxygen piping in 3 'A' type Ambulances is completed.

(3) Installation of Oxygen piping 8 Nos. of 'B' type Ambulances is completed by Messrs. Indian Oxygen Ltd.

(4) One 'A' type and one 'B' type Ambulance is attached to the EMCC at Dr. R.N. Cooper Hospital from 27th October 1982. One 'B' type Ambulance is also given to A.T.C.I. and W.I.A.A., which is stationed at Churchgate for picking up accident cases, etc. on trial basis. It is also decided to allot all the available Ambulances to EMCC's at Rajawadi Hospital, Nair Hospital, L.T.M.G. Hospital, Sion and Dr. Cooper Hospital.

(5) Garage for repairs and maintenance of Ambulances have been established in the premises of Sion Hospital. The space here is very limited. All the facilities cannot be provided in this garage. However, this garage is being equipped with minimum facilities which can be accommodated in the available space.

4.1.5. Telecommunication Net Work :

(1) Existing 26 wireless sets including 22 static stations of Water Supply Department and that of CAS maintained satisfactorily during the year under report.

(2) Wireless operating licences for 9 additional wireless stations. 6 for Phase-II and 3 for Phase-I have been approved by the Wireless Advisor Government of India for W.S. Department and licences are being obtained.

(3) Because of the increasing demand for additional wireless sets from W.S. Department the whole net work of W.S. Department is being re-planned to meet all time needs of W.S. Department. Nearly 60 stations are to be added to the existing net work. The block estimate for the same is ready and will be submitted to W.S. Department.

(4) Wireless Maintenance workshop : A well equipped electronic workshop is established at Sion Hospital to maintain wireless net work of W.S. Department and that of CAS and other electronic equipments. This workshop has been recently shifted from old Building to the old barracks.

(5) Installation of Antenna Mast : Old Antenna mast of W.S. Department maintained satisfactorily. However the following masts are to be installed—

at Kapurbawadi Bhandup, Pise, Panjrapore, Padgha, Upper Vaitarna Bhatsa Dam. Mast at L.T.M.G. Hospital, Sion, is also to be shifted to the college building.

(6) Telecommunication net work for CAS is being replanned to meet the future requirements of the CAS:

5. Civil Defence Cell :

The Civil Defence Cell was created in the year 1971 to look after the work of Civil Defence Measures to be undertaken by the Corporation and also to have a close liaison with the Director and Controller of Civil Defence Service. Subsequently, the Cell was entrusted with the additional work of vigilance over Electrical and Mechanical works. During the year under report the following works were attended to by the Civil Defence Cell.

5.1. Civil Defence Training :

The Civil Defence activities are decentralised in 61 sub-units in all wards, Engineering Departments and Hospitals. This has been basically done to impart Civil Defence Training to as many volunteers as possible. The training courses are being arranged by this department in liaison with Director of Civil Defence. The actual training is imparted free of cost by the City Controller of Civil Defence. During the year under report 150 Municipal employees were trained in Civil Defence Courses.

5.2. Civil Defence Plans :

The operational and survival plans of following essential services are revised and brought up-to-date :—

- (1) Water Works.
- (2) Roads Department.
- (3) Sewerage Department.
- (4) Care of Animals.
- (5) Disposal of Dead bodies.

5.3. Liaison Work with Government Department :

The close liaison was maintained with State Directorate of Civil Defence and the City Controller of Civil Defence. The work pertaining to the maintenance of static tanks, construction of new tanks, installation of new sirens, warden posts and accommodation to Civil Defence Divisional Offices was attended to satisfactorily. In addition, the planning of new 60×600 PABX Telephone Board at Head Office is undertaken and the matter is being pursued with the Bombay Telephones.

5.4. Vigilance over Elect. and Mech. Works :

Technical audit was carried out in respect of 160 proposals. The Electrical, Mechanical and Refrigeration works totalling 171 and costing Rs. 1 crore and 15 lakhs were inspected. In addition the proposals for additional staff, specifications for plant and machinery and Fair Market Schedule for Electrical Works for 1982-83 were ascrutinised. The statistical information in case of Vigilance work is given in Annexure-III.

6. Natural Gas Project :

6.1. Distribution of Natural Gas in Greater Bombay :

The Municipal Corporation had submitted a Techno Economic Feasibility Report for distribution of 0.833 MCMD of Natural Gas to the Textile Mills and domestic Sector in Greater Bombay to the Study Group appointed by the Government of Maharashtra in the year 1979, Afterwards as per the decision taken in one of the meetings, the Corporation updated the above report (i.e. distribution of Natural Gas to Textile Mills) with a possible demand of 1.2 MCMD of Natural Gas, and submitted to the Gas Task Force appointed by the Government of India in the year 1982.

It was decided in one of the meetings that a joint sector co. be formed for supplying Natural Gas in domestic and industrial sector, with 51 per cent. share of Government of India and 24½% share each of Government of Maharashtra and M.C.G.B. and M.C.G.B. will prepare a techno-economic feasibility report for distribution of Natural Gas to domestic sector and industries enroute in City as well as Suburbs. This work of preparing the report has been entrusted to Messrs. Humphreys and Glasgow Consultants Pvt. Ltd. and the report will be ready by May 1983.

In the meantime, meetings were held with the Member of Gas Task Force and necessary information has been given to them. After completing the above report, the same will be submitted to the Gas Task Force for further recommendations.

6.2. Municipalisation of Bombay Gas Co. :

The Municipal Corporation has passed a resolution under No. 112, dated the 10th May 1976 to Municipalize the Bombay Gas Co., and the same has been communicated to the Government of Maharashtra with a request to issue necessary orders in the matter.

Action is taken against the Co. as per the provisions of the Bombay Municipal Corporation Act from time to time, for causing nuisance.

At present the Co. is closed due to strike and hence it is not possible to take any action against the Company.

7. Special Projects :

7.1. Supply of Tractor Mounted Gully Emptier Units :

For cleaning Storm Water entrances and gullies in Greater Bombay, 9 Nos. of Indigenous Tractor Mounted Gully Emptier Units have been purchased from Messrs. Lucky Equipment Corporation. These Units have been handed over to the Dy. C.E. (M & E). A separate operational and maintenance cell, has been formed for operating these units.

7.2. Ferry Service at Marve-Manori Creek :

For the people residing at Manori Island in 'P' Ward the ferry service between Marve and Manori was a night-mare. The problem was referred to A.P.P. Cell for procuring the ferry boats for meeting the needs of the people. Accordingly tenders were invited for two mechanised flat bottom ferry boats on the lines of one ferrying between Punjim and Betim Goa. The capacity of each boat is 75 passengers and their luggage.

The ferry launches were constructed as per the requirements of Mercantile Marine Department of Government of India. Necessary registration Nos. and Survey certificates were obtained from Mercantile Marine Department. Necessary passenger license was obtained from Chief Port Officer to operate the service for creek crossing. The ferry launches were handed over to BEST Undertaking and regular service has been started by BEST undertaking from 1st November 1981. This department co-ordinated with different departments like port authorities Municipal Departments electric supply Co. etc. to resolve various problems faced by BEST Undertaking for smooth operation of the launches.

Annual survey by Mercantile Marine Department of Government of India for the launches M.L. Manori and M.L. Gorai was due on 20th August 1982 and 20th October 1982 respectively. Complete annual survey work of both the launches one by one was got carried out by this department to the satisfaction of Engineer Surveyor of M.M.D. The launches were put into operation again after getting new survey certificates in each case.

7.3. Remodelling of Dhobi Ghat :

The Dhobi Ghat is in operation at Mahalaxmi where there are 357 Bhatties provided for washing of cloths. The cheap type of fuel used in these bhatties with no proper arrangement for supply of air required for combustion causes severe ground level pollution. The problem being of socio-economic nature was studied in depth and the practical solution of providing live steam to the bhatti pots directly from the Central Generation Plant rather than producing steam in each and every bhatti pot was found out. The scheme estimated to cost Rs. 25 lakhs was prepared and submitted to the Corporation for approval.

The administrative approval of the Corporation to the scheme has already been received. A proto type bhatti-pot was got manufactured and working trials were taken. Necessary modifications were also carried out on the proto type bhatti-pot and further trials were taken. The trials were found successful. The draft tender for inviting the tenders to implement this project on turn key basis is also completed and is under scrutiny. When the project is executed the problem of ground level air pollution will get solved.

7.4. Rehabilitation of Potters, Dharavi :

There is considerable ground level air pollution and the smoke nuisance near Dharavi. This is mainly because of the potters manufacturing earthen pots using cheaper type of fuel without any effective combustion system. A techno economic feasibility report was got prepared from Messrs. Kirloskar Consultants and the matter is under consideration. They have suggested complete rehabilitation of potters in a planned and hygienic way. The project incorporates construction of residential buildings for potters construction of centralised working places for manufacturing activities and construction of mechanical furnaces to carry out manufacturing activities in planned and hygienic way. The project report prepared by Messrs. Kirloskar Consultants has been scrutinised completely by this department. A decision has been taken that the potters should themselves implement this project under the overall supervision of Bombay Municipal Corporation on the guide lines suggested by Messrs. Kirloskar Consultants. The potters architects have submitted a scheme to this effect which is under scrutiny. Certain clarifications have been called for from the potter architects before Municipal land at Kumbharwada Dharavi is leased to the potters to implement this project. The architects have not yet come forward with details and their reply is awaited.

7.5. Design of Small Capacity smoke free Light Diesel oil fired type of tar boiler :

Ward Officers faced various problems in their road maintenance works with the existing tar boilers as they are bulky and work on fire wood. The designs of various tar boilers with indigenous available technology were studied. None was found suitable to carry out small patch work

efficiently and with clean environment. The design of small capacity tar boiler with light diesel oil firing system from pressurised air/fuel system tank was therefore developed by this department. The combustion equipment specially designed for firing light diesel oil with automatised air supply was got manufactured through private contractors. The trials were taken on this combustion equipments which were found satisfactory. The work order has been placed with local contractor in July 1981 to supply 50 Nos. of such tar boilers mounted on mobile chasis with the above type of combustion system. A proto type tar boiler is supplied by the contractors on which extensive actual work trials have been taken. The balance 49 tar boilers will be obtained after further necessary modifications if required.

7.6. CONVERSION OF ANIMAL DUNG INTO USEFUL ENERGY SOURCE :

A 'Fact Finding Committee' has been constituted to take up the project of conversion of animal dung into useful energy source. Details of the survey of the existing cattle sheds, gobar gas plant, feasibility report from Khadi Village Industries Commission, etc., are collected. After collecting further information and discussing it in the next meetings of 'Fact Finding Committee', a complete report on conversion of animal dung into useful energy source will be prepared.

8. EXPANSION OF DEONAR ABATTOIR :

The slaughter house at Deonar is working to the full capacity since the year 1972. On account of persistent demand for meat it needs to be expanded in its slaughtering capacity. The tenders for expansion on turnkey basis were invited in past. The expansion scheme is however found to be capital intensive. Further there is an uncertainty in the supply of cattle due to the agitation against slaughter of horned cattle, increased export potential from other states and the Govt. policies in the export of beef. The expansion proposal is therefore, deferred and it is proposed to augment the slaughter capacity through modernisation and balancing of throughput.

6. MECHANICAL BRANCH :

During the year of under view of Municipal Workshop received 1198 fresh Jobs. Total numbers of jobs completed 1124 including previous year pending jobs. The total expenditure on the departmental works amounted to Rs. 26,39,439.00. The up-keep and overhead charge amounted to Rs. 5,19,468.00 which works out to be 19.67%. The labour strength during the year was about 370. There were 294 working days during the year.

(i) *Machine Shop* : Repairs to the pump of Pumping Station and Purification on works were undertaken. Special jobs of repair fitter plant of Dadar is carried out. In addition manufacturing of Impellers, C. I. Bushies, shafts of pumps and C. I. casting of Hospital Lown, mrovers, Shear sharpening works of Garden Department were undertaken. Shaft spindles Brass bushes were also manufactured.

(ii) *Boiler Shop* : In this section the major jobs were of the fabrication of refuse and different types of hand carts for conservancy department and Drainage Department, repairs to tar boilers and different types of handcarts were undertaken. Various play apparats for Garden Department were fabricated and repaired by this section. Various clamps, hooks, xles, brackets iron racks of Conservancy department were fabricated in the Smithy Section of Boiler Shop.

(iii) *Carpentary Shop* : The work undertaken in this shop, was of manufacturing of wooden marks, Notice-boards, tables, benches, chairs, wooden handcarts, wooden cupboards, sea-saw different play apparats of garden department clining boare for swimming pool, lockers for swimming pool and some such other jobs were undertaken. The meter boxes and switch board of required for hospitals and other departments were also manufactured. The work of polishing wooden articles like chairs, tools etc. of hospital were also undertaken.

(iv) *Paint shop* : In the paint shop besides day-to-day work of painting of name boards of various department painting of parts manufactured at workshop, viz. hand ckrts, dust bins etc. were carried out, vehicles of transport department furniture of different department.

(v) *Design section* : Mechanical design section prepares estimates, blue prints and specification for machinery, furniture and mechanical equipments, invite tenders or sealed quotations for all types of mechanical jobs for Municipal Department.

(A) The following important works were executed during the year.

(i) Polishing of wooden furniture for various Departments of Corporation.

(ii) Erection of chimneys for Asphalt Plant Worli and G. T. B. Hospital.

(B) The following general report works were carried out during the year.

| | | | | |
|--------------------------------------|-----|-----|-----|----------|
| (1) Repairs to overhead M. S. Tanks. | ... | ... | ... | 119 Nos. |
| (2) Collapsible gates. | -- | -- | -- | 25 |
| (3) Rolling shutters. | .. | ... | ... | 15 |
| (4) Ancilliary Welding works. | .. | ... | ... | 22 jobs. |
| (5) Carpentary jobs. | -- | -- | -- | 9 Jobs. |
| (6) Steel furniture. ... | -- | -- | -- | 10 Jobs |
| (7) Wooden furniture. | ... | -- | -- | 26 Jobs. |

| | | | | | |
|--|----|----|----|----|----------|
| (8) Painting Jobs. ... | -- | -- | -- | -- | 11 Jobs. |
| (9) Navghani work. ... | -- | -- | -- | -- | 12 Jobs. |
| (10) Main Gate. ... | -- | -- | -- | -- | 30 Jobs. |
| (11) Pump Repairs. ... | -- | -- | -- | -- | 4 Nos. |
| (12) Ornamental gates. ... | -- | -- | -- | -- | 4 Nos. |
| (13) Market stalls. ... | -- | -- | -- | -- | Nil. |
| (14) Annual Survey of boilers. ... | -- | -- | -- | -- | 3 Nos. |
| (15) Drawings prepared. ... | -- | -- | -- | -- | 54 Nos. |
| (16) Sketches prepared. ... | -- | -- | -- | -- | 54 Nos. |
| (17) Blue prints drawn. ... | -- | -- | -- | -- | 500 Nos. |
| (18) Repairs to Fire extinguishes. ... | -- | -- | -- | -- | 7 Nos. |

(C) The following works were carried out during the year.

(1) Installation of 10 M. T. L. P. G. tank at G. T. B. Hospital Sewree with necessary piping work.

(2) S. & I. of wall-mounting cup-board at Imamwada Maternity Home.

(3) Replacing of chimney of dust extractor plant at Worli.

(4) Manufacturing and supplying T. W. wall mounting cupboard at N. S. T. department K. E. M. Hospital.

(5) Supply of fixing T. W. furniture at Municipal Marathi Primary School Laxmi Nagar, Khar.

(6) Replacing chimney of boiler at G. T. B. Hospital, Sewree.

(7) Manufacturing and supplying T. W. tables with S. S. sink for T. Bone Lab. of E. N. T. Department of K. E. M. Hospital.

(8) Providing T. W. counter student counter at T. N. M. College Building at Nair Hospital.

(9) Providing M. S. tank work railing for steel tanks of A. K. D. Department, K. E. M. Hospital.

(10) Manufacturing and supplying T. W. furniture for deaf school at Mahalaxmi Municipal School.

(11) Providing T. W. cash counter side position for new A/C unit of W. A. S. D. at 'M' Ward Office, Chembur.

(12) Providing and fixing T. W. cash counter for Assistant Accountant at C. V. T. Building, K. E. M. Hospital.

(D) During the year this section completed the work to the tune of Rs. 13,85,000.

(vi) *Foundry shop* : Municipal Foundry situated at Municipal workshop casts ferrous and non-ferrous items as per requirements from various municipal departments. For ferrous castings, there is one number of 2 Ton/hrs. capacity cupola and for non-ferrous casting 2 numbers of coal fired pit furnaces. C. I. manhole frames and covers are the main products of Municipal Foundry., other articles includes pump casting, casting type impellers housing blates, hubs bushings frames, gun-metal brange, white metal bearings and special allege etc.

During the year foundry received 170 jobs for manhole frames and covers, numbers of jobs out of this 160 numbers of jobs completed and 10 jobs of the year 1981-82. Foundry has supplied to C. S. and Dy. Chief Engineer stores and other departments 463 numbers of circular manhole frames and covers and 313 numbers of rectangular M. H. F. & C 50 numbers of vent pipe against a guarantee of 600 numbers of manhole frames and covers per year.

(vii) *Municipal Power Laundr* : During the Administrative year the Laundry washed 44,08,540 lines of 49 medical institutions. The rate of washing was fixed at Rs. 100 for 100 picees of linen for the period from March 1982 to March 1983.

7. ELECTRICAL BRANCH :

The activities of the different sections of the Electrical Branch were as under :—

(i) *Planning and Design Section* :— This section deals with the preparation of Estimates, invitation and recommendation of tenders, execution of contract for major electrical works in the newly constructed and old Municipal Buildings under the Loan Works Programme in the City, Suburbs and Extended Suburbs.

During the year some of the tenders were invited jointly with the Civil Tenders for synchronisation of electrical and civil works. For details as regards preparation of estimates, awarding contract please see Appendix-5.

(ii) *Building Construction Section* :— This section supervises the execution of major works in different zones for which contracts were awarded by the Planning and Design Sections. Details are provided in Appendix No. 8.

(iii) *Refrigeration Section* : This section is entrusted with the preparation of estimates, invitation and recommendation of quotation and tenders, execution of contracts and supervision of contracts in respect of works for purchase and installation of air-conditioning and Refrigeration Machinery under Loan Works Programme as well as under the Revenue Budget for City and Suburbs.

(iv) *Plant and Machinery Section* : This section carries out repairs and maintenance of electrical machinery and electrical works in the existing municipal properties.

39 Estimates were prepared.

57 works were carried out through outside agencies costing Rs. 2,31,411.500

413 works were executed departmentally costing Rs. 6,35,896.

(v) *Ward Maintenance Section* : This section carried out electrical works in the existing municipal properties other than those looked after by the plant and machinery section.

There were 88 estimates amounting to Rs. 26,92,341 prepared and works of electrification, providing pumping sets, electrical fans fitting clocks, repairs and providing sound systems, In tercom system etc., amounting to Rs. 5,57,665 are completed and works costing Rs. 1,48,768 in progress.

8. CONSERVANCY BRANCH :—

The Department of Solid Waste Management including the Transport Branches works under the direction and control of the Director (Solid Waste Management). He is assisted in the work by Dy. City Engineer (Solid Waste Management), Head Supervisor, City and Suburbs Supervisors (Sub-), Assistant to the Head Supervisor and by two Executive Engineer in the Transport Wing. The Transport Wings provide vehicles for transportation of refuse and cess pool contents from un-sewered area.

Solid Waste Management :— The service consist of collection, removal and disposal of garbages and sweeping from the Public Roads, streets, foot-paths and by-lanes and maintenance of Dumping Grounds. The work of removal of Night Soil and Cess Pool from un-sewered area and maintenance of public sanitary conveniences is also undertaking.

(i) *Collection of refuse* : All the public roads, foot-paths and house gullies were cleaned daily. The quantity of refuse and other waste material collected in street cleansing operation from the City and Suburbs is as follows :

| Refuse collected. | Average per/day. |
|---|------------------|
| City 7.01 Lakhs tonnes. | 1918.80 tonnes |
| Subs. & Ext. Subs. 4.54 Lakhs tonnes. | 1,245.00 tonnes. |

During the year 313 (City), 789 Sub. and (Ext. Subs) Hufmet Colonies situated on the Government of Maharashtra Housing Board, private and B.M.C.'s lands were attended to and 23,113 tonnes (City), 55,754 tonnes (Subs. and Ext. Subs.) refuse was removed from said colonies.

(ii) *Transportation of refuse* : Transportation of refuse was regularly carried out by engaging Mechanical fraction. Total vehicle shifts employed for removal of refuse during the year are as follows :—

| Serial No. | Area | Municipal vehicle | Vehicles shifts on contract | Ratio |
|------------|--------------------|-------------------|-----------------------------|-------|
| 1 | City | 31,245 | 1,11,919 | 22.78 |
| 2 | Subs. & Ext. Subs. | 30,261 | 57,303 | 37.63 |

For transportation of refuse 18 compacting vehicles which carry 1½ times more load than that carried by conventional vehicles were used.

(iii) *Disposal of Refuse* : The final disposal of refuse was carried out by reclaiming low-lying land at Deonar.—Total refuse dumped at Deonar from City Wards was approximately 7,00,435 tonnes. The final disposal of refuse was done by reclaiming low-lying land at Chincholi, Gorai, Esic Nagar and chandan marve in western Suburbs and Deonar and Mulund in Eastern Suburbs. Total disposal of waste in western Suburban and eastern suburbs dumping ground was 10,69,644 tonnes.

(iv) *Collection, Removal and Disposal of Night Soil* :

Night Soil, Collection and disposal service was rendered to 2560 basket privy seats in the City and all Suburbs and extended Suburbs 874.01 Kilo Litres quantity of night soil was removed daily in Municipal Mechanical tranction using 2 vehicles per shift and emptied in Night soil Depot. at Dharavi and Kurlaof Night Soil Deppts.

(v) *Public and Private Latrines and Urinals* :

During the year 1031 public sanitary conveniences with 6494 W. C. seats and 986 urinal stalls were maintained, there exist 97 separate urinal blocks with 415 urinal stalls in the City area and 191 urinal blocks with 762 urinal stalls in Subs. & Ext. Subs.

(vi) Prevention of Nuisance :

During the year 1,548 cases in the City and 1939 cases in the Suburbs and Extended Suburbs were made by 91 Nuisance Detectors for offences such as Urinating, defecating and throwing refuse on public roads under section 115 of Bombay Police Act and Rs. 36,046 were recovered as fine. During the year 1,124 cases in the City and 1320 cases in Suburbs and Extended Suburbs were made under section 372 (E) of the Bombay Municipal Corporation Act and Rs. 15,998 and Rs. 13,130 were levied as fine respectively in the City and Suburbs.

(vii) Removal and Disposal of Dead animals :

Bombay Khadi and village Industries Associations. are the contractors for The work of removal and disposal of dead animals from area within the Greater Bombay Limits Skinning work is being carried out at village Bapne in Thana District about 20 K. m. away from Dahisar since 1-5-1973 about 69,539 dead animals were removed during the year.

(viii) Conservancy and Special Services :

These services were rendered to circuses, Exhibitions Big-concerns, Industrial Establishments etc., on payment of Schedules charges. A amount of Rs. 54,37,121.59 was received rendering conservancy services.

(ix) Conservancy Staff Quarters :—

161 Labour Chawls in the City and 108 chawls in Suburbs with 4,066 and 1,796 tenements respectively were maintained for housing conservancy staff. out of 44% and 29% of the total in the City and the Suburbs respectively have been provided with the free housing accommodation and the rest are given House Rent allowance.

(x) Labour Welfare :—

22 welfare centres are working for benefit of conservancy staff at different places in the City and Suburbs.

(xi) Co-operative Credit Societies for Labourers :—

There are 12 Co-operative Credit Societies with an aggregate membership of 7,335 members for the benefit of the labourers of S. W. M. Department.

(xii) Expenditure on conservancy Services

The total expenditure for Div. I incurred on Conservancy Services for garbage cess pool and public sanitary, conveniences etc., during the year was Rs.13,49,26,882.00 out of which Rs. 12,87,13,378.64 was for clearance, transportation and disposal of refuse of 7.01 lakhs tonnes. The expenditure on Halalkhore services in the City and Suburbs was Rs. 62,13,503.36 and Rs. 4,08,59,040.00 respectively.

The cost per tonne garbage came to Rs. 165.32 and per capita Rs. 21.74.

(xiii) Special features :

(a) *Work shop* : There is a workshop for Solid Waste Management Department situated at Mahalaxmi. During the period from 1-4-82 to 31-3-83, 137 Wooden Handcarts and 180 Iron Handcarts and 2 Square Type and 48 Rectangular types Refuse Bins are repaired in the workshop.

(b) The installation of Rat—Incinerator at Haffkine Institute is completed and trials are in progress.

(c) 250 k. g./hour capacity Incinerator Plant installed at group of T. B. Hospital at Sewree for burning of Hospital refuse is functioning smoothly.

(d) Emergency services were given in all City Wards. 80 Chronic complaints were attended during night time and 1775 tonnes of refuse and 514 tonnes of offal was removed. A good relief has been given to public.

(e) It is proposed to set up a Mechanical Transfer station of 1000 tonnes per day capacity at Mahalaxmi to handle the garbage of A, B, C, D, & E Wards.

(9) TRANSPORT BRANCH :

The Transport Department (City) is entrusted with the maintenance and operation of vehicles supplied to various Municipal Departments. There are 500 Vehicles 17 BEML Bulldozers and 3 front loaders and 36 Trailers in the City.

The overall efficiency of the fleet was maintained at above 75 per cent. throughout the year.

During the year 14 new vehicles were added in the fleet, and 29 new Vehicular Chassis purchased will be put on road after body building work on them is carried out.

The suburban Transport Section is entrusted with the operation and maintenance of vehicles which are rendered for different Services. New vehicles were added to the fleet and there were 355 effective vehicles in the fleet, excluding the vehicles proposed to be scrapped.

The details of vehicles, which were utilised for various services are detailed below :—

| | | | | |
|--------------------------|-----|-----|-----|------------|
| Health services ... | ... | ... | ... | 73 |
| Conservancy services ... | ... | ... | ... | 165 |
| Encroachment removal ... | ... | ... | ... | 17 |
| Others ... | ... | ... | ... | 100 |
| Total ... | ... | ... | ... | <u>355</u> |

ACHIEVEMENTS.

- (a) Selling of the accumulated scrap materials.
 (b) 15 Nos. of new vehicles were added in the fleet.
 Total average efficiency of the fleet achieved during the year. 67 per cent.

10. PRODUCTIVITY UNIT.

The activities of this Department are as follows :

Training programmes conducted : 57.

Project Studies undertaken and completed : 32.

Besides these, a number of Staff proposals, specially referred to this Department, were scrutinised through application of Industrial Engineering Techniques.

New Activities :

Preparation of training Schemes : for all the Departments of the Corporation with specific training modules based on the detailed job descriptions of each Category, is in progress.

The R. & D. Cell has started functioning with the Project of Search of Low Cost Sewerage Scheme.

Monthly Seminars introduced in March, 1982 on Service discipline areas are in good progress. 13 Seminars were organised wherein Senior Officers presented the papers on different Topics.

Central Library :

372, New Books were added, taking the total number of Books to 3,131.

The Strength of the membership increased from 1,216 to 1,357.

Papers, reports and dissertations contributed by the Municipal Officers deputed for Seminars, Conferences training programmes and post-graduate Studies, are maintained in the Library.

First Phase construction of the proposed Civic Training Institute and Research Centre, Borivali (East) is nearing completion and the Institute is likely to start functioning by the end of 1983-84.

11. MAINTENANCE OF MUNICIPAL BUILDINGS AND ROADS :

(i) **Municipal Buildings :** Municipal Buildings in the City at the end of the year were :—

(a) **Housings :** 25,303 No. (Tenements are in the City and 7,962 No. Tenements in the Suburbs.

(b) **Other Buildings :** 917 in the City and 977 in the Suburbs.

The works of maintenance is classified under the major heads (1) Normal Repairs, (2) Special Repairs and (3) New Works. Normal Repairs includes works of monsoon repairs. Special repairs covers the works which are likely to increase the life of buildings or structures were as the work of additions and alterations to the buildings. As also those of providing additional amenities fall under the category of New Works.

The repairs and maintenance works at the Municipal properties were carried out either departmentally or through petty works contractors.

The total expenditure incurred on the maintenance of Municipal properties was Rupees 3.20 Crores (City Rupees 1.63 crores and Rs. 1.57 crores) out of this an amount of Rs. 2.43, crores was spent on Normal maintenance. An amount of Rs. .77 was spent on new special repairs works. Works costing Rs. 1.41 crores (City 73 crores and Suburbs 68 crores) were executed through the Petty Works Contractors Total No. of works carried out through petty works Contractors was 1,296 and total No. of works carried out departmentally was 11,952 and the amount of expenditure incurred was 1.97 crores Rupees.

(ii) **Roads and Footpaths and Length of Road (K. M.)**

| | Cement Concrete | Block tapped | Sett paved | Water bound Macadam. | Others | Total length. |
|----------|--------------------|-----------------|---------------|----------------------------|----------|------------------|
| City | 67.4676 | 256.8072 | .55 | .. | 154.1018 | 478.9266 |
| Suburbs. | .. 83.45 | 719.30 | 50.10 | 5.00 | 65 | 922.85 |

Improvement of Roads.

| | Street Asphalt | Chipon Asphalt | Semi- grouting. | Asphalt concrete | Surface dressing |
|----------------------------|-------------------|-------------------|--------------------|---------------------|---------------------|
| City. | | | | | |
| Area (Sq. Mtrs.) | .. .. | 25,500 | 26,736 | .. | 39,563 |
| Expenditure (Rs. in lacs) | .. .. | 5,10,000 | 8,44,744 | .. | 12,51,468 |
| Suburbs. | | | | | |
| Area (Sq. Mtrs.) | .. 2,000 | .. | 3,04,688 | 57,97.105 | 30,232 |
| Expenditure (Rs. in lacs.) | .. 3,81,000 | .. | 12,42,959 | 10,71,782 | 15,11,000 |

Rs. 146 crores and Rs. 1.20 crores have been spent on repairs of road including reinstatement of trenches in City and Suburbs respectively.

17 works and 85 works costing Rs. 8 lacs and Rs. 14 lacs respectively in City and Suburbs were executed through the Annual Petty works contractors.

As usual an amount of Rs. 8,21,855 was paid to Bombay Port Trust for clearing and repairing the Port Trust wharves and Roads.

Miscellaneous works like repairs, repainting of sheets name boards, providing new boards, maintenance of public movements, benches on the footpath and guard railings were under taken as usual.

While widening road 2664.41 sq.mtrs. land & 22908.04 sq. mtrs. land was acquired under setback in city and Suburbs respectively. compensation claims for set back settled during the year amounted to Rs. 374166/- in Suburbs.

There were 40 road rollers out of which 1 petrol driven and 39 were diesel driven,

Permits :— 4,270 permits in City and 7,858 in suburbs were issued for excavation in roads and footpath, the cost of reinstatement of disturbed surface was charged to the respective permit holders and the trenches were repaired. Amount of Rs. 17210- in City and Rs. 3074851- in Suburbs were recovered as fees for the purpose.

183 Notices in the City and 9 Notices under section 322 (b) of the Bombay Municipal Corporation Act were issued in City against unauthorised occupation of roads and footpath by dumping building materials. In addition 616 in City and 331 in Suburbs permits were issued for occupation of roads for erecting mandaps, placing chairs and benches etc., and Rs. 36,869/- were realised from City and Rs. 19,693 from Suburbs.

12.—Asphalt Plant and Crusher —

The work of asphaltting roads approved by the Corporation was continued during the year and Roads covering an area of 84,392 Sq. meters, were asphalted at a cost of Rs. 24,97,083.20

Asphalt Plant. :—

(a) The Municipal hot-mix asphalt Plant at Worli was in operation throughout the year, except during the monsoon from July 1982 to October 1982. The Pegaon Plant mixer worked for taking out cold-mixed materials required to fill in the potholes in the City. The labourers for running the Asphalt Plant were engaged departmentally.

(b) The total area of 4,504 Sq. mts. of potholes were repaired during the year, for, Rs. 1,52,243.29

(c) Capital roads admeasuring 84,392 Sq. mts. were repaired by surface, chip coat, Grit coat

The main Asphalt Plant and Pegaon Plant worked for 266 days and remained closed for 99 days on account of rainy season, Sundays holidays and breake down of Plant.

The rates adopted for booking expenditure for different mode of construction were the same as per previous year. The total expenditure for repairing the road surface, the cost of which chargeable to repairs grant amounted to Rs. 24,97,083.20.

The total turn out by the main and Pegaon Plant were 5,101,50 M. T. and 4,287.19 respectively please.

13. BUILDING AND ROAD MATERIALS TESTING LABORATORIES AT WORLI :

I. Road Material Testing Laboratory :

| Sr. No. | Particulars of Sample | No of Tests done (Samples) | Amount of Revenue earned |
|-------------------|--------------------------|----------------------------------|-----------------------------|
| | | | Rs. N.P. |
| (1) Asphalt Mixes | .. .. | 10,210 | 22,703.00 |
| (2) Soil Samples | .. .. | 295 | 8,016.00 |
| (3) Aggregate | .. .. | 232 | 1,055.00 |
| | Total | 10,737 | 31,774.00 |

Cost of testing Municipal samples which are tested free of cost is Rs. 1,11,896.00

II. Buildings Material Testing Laboratory :

Table—I.

| Particulars of the samples. | No. of samples Tested | | | |
|-----------------------------|-----------------------|----------------|--------------|------------|
| | Deptt. work | Govt. work | Private work | Total Nos. |
| Concrete .. | 9515 | 1325 | 2271 | 13,111 |
| Bricks .. | ... | Combined Total | ... | 1,660 |
| Cement .. | 76 | .. | 111 | 187 |
| Hammer tests. .. | 9 | 1 | .. | 10 |

Table No. II

| Particulars of the samples. | Cost of testing in Rs. N. P. | | | Total cost of Rs. N. P. |
|-----------------------------------|------------------------------|--------------|-----------------|-------------------------|
| | Deptt. Works | Govt. Works | Private Works | |
| Concrete .. | Free | 9937,50 | 34,065.00 | 44,002,50 |
| Bricks. .. | .. | .. | Combined amount | 21,580.00 |
| Cement .. | Free | .. | 11,655.00 | 11,655,00 |
| Hammer Tests. .. | 1080 | 120 | .. | 1,200.00 |
| Hire of Moulds. .. | 1515 | .. | .. | 1,515.00 |
| | | | Grand Total: | 79,952.50 |
| Free cost of testing (cement) Rs. | 7,980.00 | | | |
| —, —, — (concrete) Rs. | 1,42,725.00 | | | |
| | Total | 1,50,705.00 | | |
| Total cost of work done : | Rs. 79,952.50 | +1,50,705.00 | Total | 2,30,657.50 |

14. PUBLIC STREETS LIGHTING :

Lighting:— The total No. of Electric street Light lamps on the Roads, foot over bridges Garden etc were 26,531 in the City and 35,016 in the Suburbs giving an increase of 549 and 1726 respectively over the last year.

The details of the different types of street lighting of wattages varying from 80 watts high pressure mercury vapours (HPMV) to 400 watts HPMV and from 500 watts (Tungstone Filament) T. F. to 1000 watts T. F. are shown as follows —

| Description. | T. F. Lamps. | H.P.M.V. Flourmsecment | Sodium Vapour | Halogen | T. D. Ballards. | Total | |
|--------------|--------------|------------------------|---------------|---------|-----------------|-------|--------|
| Municipal | 9,924 | 36,466 | 174 | 2 | 80 | 388 | 47,034 |
| All in hire | Nil. | 13,630 | 814 | 234 | .. | Nil. | 14,678 |
| | | | | | Total | | 61,712 |

During the year 6,309.595 K. wts (Load) and 23,19,038 K.W.H. units were consumed for maintenance of street lighting through B. E. S. T. Undertaking.

Additional expenditure of Rs. 4,21,282.43 has been incurred on street lighting on number of roads and junctions, some of the newly constructed roads were provided with street lights, some of the street lighting poles were required to be shifted from traffic point of view due to widening of roads.

Additional expenditure of Rs. 8,17,805.06 was incurred for the rebate given to Bombay Port Trust Authorities as usual due to maintaining and lighting some of the roads in B. P. T. areas which are used by the general public and for the light maintenance and cleansing of these roads, cotton depots, whars docks and bunders.

The lighting arrangement on 52 roads have been improved, street lights were provided on 45 new roads.

The temporary lighting arrangement was made during the Ganapati Festival at Girgaon Chowpatty, Cuffe parade, Mazgoan, pier Colaba, Banganga, worli, Prabhadevi, Dadar, Shivaji Park Sewri, Mahim Beaches for safety of General Public Visiting immersion ceremony.

The lighting arrangement was provided during Navratri, Festival at Mahalaxmi Temple area Mahim Fair at Mahim and on 'New Year Evening.' and 26th January at Gateway of India.

The traffic islands, central dividers and railings have been provided at 87 different junctions at the total cost of Rs. 13,65,408.

All these lighting arrangements were provided at the cost of Municipal Corporation from safety point of view.

To illuminate the big junctions where vehicular as well as pedestrian Traffic is heavy, high mast lighting being provided for better result.

(ii) Removal of Vehicles.

Vehicles which were found undergoing repairs or abandoned on public roads or footpath thereby causing obstruction to traffic and pedestrian, removed in the Municipal custody under section 314 of the Bombay Municipal Corporation Act, During the year under report total number of vehicles removed to Municipal custody was 1346 out of which 1178 vehicles retrieved by the parties were released on payment. Steps are taken to auction the unclaimed 168 vehicles to recover Municipal dues.

(iii) Traffic :—

The work of constructing traffic islands, central dividers, R.C.C. Railings, were carried on 85 roads at the approximate cost of Rs. 10,00,030.

5 Numbers of junctions on which Automatic Road traffic signals were installed.

Road marking strips, pedestrian crossings and road divide line and Kerbs were painted on all important roads in City and Suburbs.

STORM WATER DRAINS AND NALLA PLANNING.

During the year, 1982-83, various suggestions regarding the remedial measures, temporary as well as permanent, suggested by the Natu Committee were implemented. These are described as under :—

(I) Regarding the City, intercepting and Arterial Drains were desilted in City areas by appointing the Contractors. The areas requiring immediate attention were sorted out and the desilting done to ensure proper disposal of Storm Water. In Addition, Agencies were appointed for 9 Wards in City (One each) for (a) Repairs to the Storm Water Drains and (b) desilting of Dhapa Drains. These Agencies were utilised during the Course of a year and the work was carried out to the extent of Rs. 31,50,000.

Water entrances, Gullies, Drainage connections were cleaned through the Ward Staff in the City.

The work of desilting of major Drains and Nallas in 'F' and 'G' Wards was carried out through the two Agencies.

Four major works pertaining to the Storm Water Drains and Nallas were executed at a total cost of Rs. 31,11,849.

Eight estimates were prepared for the works pertaining to the Storm Water Drains. The cost of these estimates, worked out to Rs. 1,79,32,479.

(II) Regarding the Suburbs, the following Jobs were carried out.

Tenders were invited and the Contractors were appointed for the 12 Wards in the Suburban areas and the various Drains, Culverts, Nallas were desilted during the Course of a year In Addition Labourers were employed for Departmental effort for better results. The advises were given to the Wards regarding the measures to be taken as and when necessary in the form of excavating Kutchra Drains, desilting and diversion of Storm Water Drains wherever necessary.

Thirty estimates were prepared during the year under review. The cost of such estimates was Rs. 2,57,61,340. Twenty Three tenders were invited, amounting to Rs. 2,35,57,981. in the Suburban areas. This is in addition to the tenders invited in the City.

During the year under review the position regarding supply of cement improved considerably. However, because of Training and Construction of Nallas had to be pruned and sized in accordance with the Budget Provisions which were drastically curtained.

During the Course of a year, 442 proposals for the development of the areas and Building Plans were received from the private Builders. They were scrutinised and the recommendations were made for the purpose of implementation.

Two major Water Courses viz., (1) S. N. D. T. Nalla, Santacruz, (2) Rasraj Nalla at Civil Aviation, Juhu, were planned for desilting because of heavy flooding reported during the mansoons of 1982. The works have commenced and are expected to be completed before the onset of monsoon of 1983.

The works of desilting the Drains and the Culverts through the Railway Properties between Churchgate and Dahisar and from V. T. to Mulund, were executed through the Central and Western Railways. These works were carried out at the cost of the Bombay Municipal Corporation.

Regarding the widening of existing Culverts or providing of new Culverts across the Railway Lines and the Express Highway, the matter was taken up with the Authorities concerned. matter pursued and the payments made wherever necessary in two cases.

This year Schedule for S. W. D. was revised and was effective from 15-2-1983.

15. BUILDING CONSTRUCTION BRANCH :

This branch supervised the work of Building construction after contracts are awarded by Planning and Design department. A synopsis of the work done by this branch during the year is as under :—

| Particulars. | Zone | Works completed | | Works in Progress | |
|-------------------------------------|-------|-----------------|------------------------|-------------------|--------------------------|
| | | Nos. | Actual Cost (in lakhs) | Nos. | Estimated cost (in lacs) |
| A. Housing. | | | | | |
| (a) Works including pile foundation | City | 1 | 15.99 | .. | .. |
| | W. S. | .. | .. | 1 | 58,30,500 |
| | E. S. | .. | .. | .. | .. |
| (b) Structures. | City | .. | .. | .. | .. |
| | W. S. | .. | .. | .. | .. |
| | E. S. | .. | .. | 2 | 111.04 |
| (c) Tenements. | City | 2 | 45.96 | 14 | 456.34 |
| | W. S. | .. | .. | .. | .. |
| | E. S. | .. | .. | 924 | .. |
| B. Other than Housing. | | | | | |
| (a) Schools. | City | 2 | 26.03 | 4 | 155.39 |
| | W.S. | 2 | 44.03 | 12 | 3,85,94,510 |
| | E. S. | 2 | 61.11 | 6 | 345.43 |
| (b) Markets. | City | 1 | 17.14 | 5 | 156.39 |
| | W. S. | .. | .. | 1 | 35,36,419 |
| | E. S. | 1 | 2.79 | 1 | 28,55 |
| (c) Hospital & Maternity Homes. | City | 6 | 154.26 | 10 | 1,954.03 |
| | W. S. | .. | .. | 9 | 9,26,14,247 |
| | E. S. | .. | .. | 3 | 297.89 |
| (d) Other works. | City | 5 | 75.89 | 12 | 563.69 |
| | W. S. | 2 | 93.97 | 14 | 14,74,82,735 |
| | E. S. | 6 | 59.85 | 16 | 1,110.09 |

16. PRIVATE BUILDINGS AND STREETS :

(i) *Building Proposals* : 31.60 proposals (1,104 in City and 2,056 in Suburbs) under Section 337 and 342 of Bombay Municipal Corporation Act for erection of new buildings and additions and alterations to the existing buildings respectively were received during the year. Out of those 2,084 proposals (591 in City and 1,493 in Suburbs) were passed :—

| Serial No. | Particulars | City | Suburbs |
|------------|--|------|---------|
| 1 | Building applications received | 1104 | 2,056 |
| 2 | Permits for construction of buildings issued | 591 | 1,493 |
| 3 | Completion certificate received | 235 | 1,157 |
| 4 | Buildings dealt with | 297 | 41,31 |

(ii) *New Buildings* : The position of residential buildings constructed by different agencies (other than Municipal) was as under :—

| Agencies | No. of Buildings | | No. of tenements | |
|-----------------------------------|------------------|---------|------------------|---------|
| | City | Suburbs | City | Suburbs |
| (a) Private enterprises | 14 | 628 | 412 | 84,19 |
| (b) Co-operative Societies | 6 | 381 | 140 | 54,44 |
| (c) Employers for their employees | .. | 7 | .. | 53 |

723 proposals (112 in City and 611 in Suburbs) for non-residential building were received during the year—But of which 344 (30 in City and 314 in Suburbs) were disposed of and 257 (14 in City and 243 in Suburbs) non-residential buildings have been constructed during the year.

73 layouts 62 proposals for amalgamation and 22 proposals for sub-division were received and 33 layouts 22 amalgamation and 13 proposals for Sub-divisions were sanctioned.

APPENDIX No. 1

Statement showing the works of building construction completed and those in progress.

(Amount shown in lakhs).

'A. Works completed.

| Serial No. | Name of the work. | Expenditure (Rs. in lakhs) |
|-------------------------------|--|----------------------------|
| (a) Housing (City). | | |
| 1 | Guniting to 1 to 19 bldgs. at B. I. T. chawls Bealasis road. | 15.99 |
| 2 | Constn. of 45 T/s. (transit) at Tardeo. | 10.23 |
| 3 | Constn. of conservancy staff quarters at D. P. Rd. | 35.73 |
| | Total : | 61.95 |
| (b) Other than housing (City) | | |
| 1 | Const. of maternity home and dispensary at Zaobawadi. | 54.80 |
| 2 | Const. of lift block at Nair Hosp. | 24.70 |
| 3 | Const. of library bldg. at G. S. Medical College. | 36.88 |
| 4 | Const. of multistoreyed bldg. for store at K. E. M. Hosp. | 15.41 |
| 5 | P/F for school bldg. at C. G. S. Colony, Sion-Koliwada. | 18.68 |
| 6 | Const. of compound wall and security chowkey in city. | 27.52 |
| 7 | Constn. of open air theatre at B. I. T. chawls, Bellasis Rd. | 2.95 |
| 8 | Guniting and painting to E Ward office. | 27.04 |
| 9 | Constn. of market at Ghodapoed Rd. | 17.14 |
| 10 | Additional floor over Northern wing at F/South Ward office bldg. | 5.97 |
| 11 | Const. of additional floor over R. M. S. gtrs. at L. T. M. G. Hosp., Sion. | 6.24 |
| 12 | Additions and alterations to Neuro science laboratory at Nair Hosp. | 16.23 |
| 13 | Additional floor over Sewri cross road school bldg. | 7.33 |
| 14 | Additional floor over G/N ward office. | 12.41 |
| | Total : | 273.32 |
| (W. S.) | | |
| 1 | Const. of school bldg. at Oshiwara dumping ground, Jogeshwari. | 35.35 |
| 2 | Const. of cattle pound at Malad (W.) | 22.14 |
| 3 | Development of Mithi river cemetery at And heri (E) Phase-II. | 17.83 |
| 4 | Const. of additional floor over school bldg., at Dawood baug, And heri(W)... | 8.68 |
| | Total ; | 84.00 |
| Serial No. | Name of the work. | Expenditure (Rs. in lakhs) |
| (E. S.) | | |
| 1 | Const. of central ambulance service at Mulund. | 22.18 |
| 2 | Const. of permanent office bldg. loading and unloading platform @ Octroi Naka, Mulund. | 19.14 |
| 3 | Proposed school bldg., on plot given by children aid society, Agarwadi, Mankhurd. | 28.89 |
| 4 | Completing in complete work of school bldg., at Chunabhatti, Kurla. | 32.22 |
| 5 | Const. of surat type pyres and replacement of existing pyres in suburbs. | 3.80 |
| 6 | Completing the incomplete work of kena market below govandi bridge. | 2.79 |
| 7 | Const. of stage in the compound of mun. school at R. R. T. road, Mulund. | 1.71 |
| 8 | Const. of auditorium at Rajawadi School, Ghatkopar. | 5.69 |
| 7 | Proposed construction of Muslim cemetery behind I. O. L. @ Vikhroli (W)... | 7.33 |
| | Total : | 123.75 |

' B ' Works In Progress

| Serial No. | Name of the Work | Estimated Cost | Expenditure incurred upto 31-3-1983 |
|------------------------------------|---|----------------|-------------------------------------|
| | | Rs. in lakhs | Rs. in lakhs |
| (a) Housing CITY | | | |
| 1 | Reconstruction of Sukhlaji Street Chawls, Phase-I | 49.61 | 27.02 |
| 2 | Construction of 358 T/s at Worli | 61.74 | 49.36 |
| 3 | Development of H.S. Chawls at Palton Road | 30.53 | 14.38 |
| 4 | Construction of Memonwada Fire Brigade at Behndi Bazar. | 57.46 | 8.51 |
| 5 | Construction of Sweepers quarters at Kasturba Hospital | 20.70 | 48.92 |
| 6 | Proposed low cast housing at D.P. Wadi | 49.72 | 42.98 |
| 7 | Construction of Tenements at Walphakhadi | 69.86 | 17.30 |
| 8 | Construction of Managers Quarters at Sewri | 12.49 | 9.06 |
| 9 | Construction of tenements at Bhatt Chawls | 12.28 | 8.37 |
| 10 | Construction of tenements and gymnasium at T.P.S. IV, Mahim. | 11.77 | 3.04 |
| 11 | Construction of Transit T/s. in City | 20.00 | 15.00 |
| 12 | Construction of tenements at Peru Chawls, at Lalbaug | 19.00 | 3.11 |
| 13 | Construction of diagnostic centre with staff quarters at Banganga, Malbar Hill. | 30.64 | 1.90 |
| 14 | P/F for T/s on Garden Plot Dharavi | 10.54 | 2.01 |
| | Total | 456.34 | 210.76 |
| WESTERN SUBURBS | | | |
| 1 | Construction of tenements at Shastri Nagar, Santacruz (W) | 58.31 | 46.58 |
| | Total | 58.31 | 46.58 |
| EASTERN SUBURBS | | | |
| 1 | Construction of 260 T/s for redevelopment of Chembur Labour Camp, | 64.21 | 47.45 |
| 2 | Construction of multistoreyed Building in the compound of 664 Tenements at Park Site Colony, Vikhroli (W) | 46.83 | 5.05 |
| | Total | 111.04 | 52.50 |
| (b) Other than Housing CITY | | | |
| 1 | Expansion of Municipal Printing Press | 63.35 | 26.29 |
| 2 | Expansion of Kamathipura Eye Hospital | 90.20 | 38.34 |
| 3 | Construction of Market at Elphinstan Road | 90.70 | 67.66 |
| 4 | Additions and alterations and expansion to K.E.M. Hospital. | 123.91 | 60.91 |
| 5 | Construction of Transport Garage at Worli | 91.94 | 39.59 |
| 6 | Construction of School Building at Sitaram Mill Compound. | 93.27 | 51.07 |
| 7 | Additions and alterations to O.P.D. at L.T.M.G. Hospital, Sion. | 49.29 | 39.41 |
| 8 | Improvement of Dharavi Hindu Cemetery | 46.50 | 19.87 |
| 9 | Repairs to E.N.T. Hospital, Fort | 39.14 | 13.21 |

| Serial No. | Name of the Work | Estimated Cost | Expenditure incurred upto 31-3-1983 |
|------------|--|----------------|-------------------------------------|
| | | Rs. in laks. | Rs. in lakhs. |
| 10 | Construction of School Building at Sindhi Lane .. | 19.80 | 4.08 |
| 11 | Construction of Babu Genu Market .. | 18.33 | 10.23 |
| 12 | Construction of Reay Road Maternity Home .. | 14.28 | 5.40 |
| 13 | Extension to School Building at E.S. Patanwalla Marg | 12.66 | 5.58 |
| 14 | Proposed various works in K.E.M. Hospital, Parel .. | 98.53 | 70.38 |
| 15 | Waterproofing treatment to the Building No. 3 and 3-A at L.T.M.G. Hospital, Sion. | 64.27 | 19.25 |
| 16 | Proposed stage tiers and seat on play ground at N.M. Joshi Marg. | 11.57 | 4.56 |
| 17 | Additional floor over School Building on Plot No. 130, T.P.S. III, Mahim. | 29.66 | 12.72 |
| 18 | Construction of Ambulance garages at various Maternity homes in City. | 6.65 | 4.49 |
| 17 | Waterproofing treatment to the various Municipal building in City. | 69.42 | 35.65 |
| 20 | Waterproofing treatment to the F/South and F/North Ward Offices. | 26.26 | 7.00 |
| 21 | Waterproofing treatment to the G/South and G/North Wards. | 17.83 | 7.70 |
| 22 | Waterproofing treatment to the basement at C.S.M. Market. | 26.92 | 18.10 |
| 23 | Waterproofing treatment to the sanitary blocks in A to D and F/South Wards. | 47.86 | 3.53 |
| 24 | Stabilising the hill be ind sea Glimpses society at Worli | 53.73 | 23.26 |
| 25 | Waterproofing treatment to the sanitary blocchs at G/South, F/North and G/North Wards. | 53.71 | 7.70 |
| 26 | Construction of multistoryed building for orthopaedic hospital at K.E.M. Hospital. | 1,458.30 | 132.44 |
| 27 | Additions and alterations to Power Laundry at Wadala | 54.78 | 1.03 |
| 28 | Construction of Welfare Centre at G.T.B. Hospital .. | 9.46 | 4.62 |
| 29 | Construction of Municipal Market at Parel Village ... | 14.86 | 5.60 |
| 30 | Construction of Market at Kamathipura .. | 5.58 | 1.30 |
| 31 | Proposed Construction of Diaphram wall and underground structure at Chandanwadi. | 26.74 | 14.22 |
| | Total .. | 2,829.50 | 755.21 |

| Serial No. | Name of the Work | Expenditure | Expenditure upto 31-3-1983 |
|------------------------|---|----------------|----------------------------|
| | | Rs. | Rs. |
| WESTERN SUBURBS | | | |
| 1 | Construction of Electric Crematorium at Hindu Cemetery, Oshivara, Jogeshwari. | 57,19,198.00 | 55,06,167.00 |
| 2 | Construction of Cenetary Hospital at Kandivali (West) | 1,56,68,353.00 | 1,10,38,964.00 |
| 3 | Construction of Materniy Home and Dispensary at Andheri (East). | 19,66,618.00 | 19,59,800.00 |
| 4 | Construction of Compound Wall and Quarters for Watchmen at Municipal vacant land in. 'H', 'K', 'P' and 'R' Wards. | 54,45,259.00 | 22,45,544.00 |
| 5 | Construction of School Building at Jawahar Nagar, Khar (East). | 13,71,954.00 | 11,47,124.00 |
| 6 | Covering Asphaltng Pathways, Walkway at Terrace and Providing T.W. Windows at Bhagwati Hospital, Borivali | 3,06,667.00 | 2,77,010.00 |
| 7 | Construction of additional floor over School Building at Plot No. 370, Vakola, Santacruz (E). | 6,23,584.00 | 6,42,108.00 |
| 8 | Construction of School Building Gandhi-gram Road, Juhu, Vile Parle (West). | 22,97,699.00 | 22,91,419.00 |
| 9 | Proposed construction of School Building at Vakola Pipe Line, Santacruz (East). | 66,32,071.00 | 26,90,358.00 |
| 10 | Proposed construction of Training Centre at Borivali (East). | 1,08,53,269.00 | 1,03,48,287.00 |

| Serial No. | Name of the Work | Expenditure | Expenditure upto 31-3-1983 |
|------------|--|-----------------|----------------------------|
| | | Rs. | Rs. |
| 11 | Proposed construction of Maternity Home at Squatters' Colony, Jogeshwari (East). | 31,64,153.00 | 25,29,196.00 |
| 12 | Construction of H/E Ward Office Building at Santacruz (East). | 19,70,283.00 | 6,01,537.00 |
| 13 | Proposed additional Building at Petit Compound, Waterfield Road, Bandra (West). | 7,19,326.00 | 7,04,693.00 |
| 14 | Construction of School Building at Yari Road, Andheri (West). | 54,92,379.00 | 20,65,589.00 |
| 15 | Proposed Maternity Home and Health Centre and Quarters at Kasturba Cross Road No. 2, Borivli. | 1,02,35,238.00 | ,934,852.00 |
| 16 | Construction of Fire Brigade Station at Malvani Marve Road, Malad. | 64,50,109.00 | 30,98,846.00 |
| 17 | Providing water-proofing treatment to the terrace at existing Municipal Building in various Wards. | 17,83,101.00 | 2,43,112.00 |
| 18 | Manufacturing Erection of A B D C Type of R.C.C. Marble mosaic chairs in various Municipal Garden and Public Places within the limits of Greater Bombay. | 17,60,396.00 | 7,45,948.00 |
| 19 | Proposed extension to the School Building at C.S. No. 370 Nehru Road, Vahola, Santacruz (East). | 20,13,836.00 | 9,20,921.00 |
| 20 | Extension to School Building at Marol, Andheri (East) | 39,63,429.00 | 16,08,200.00 |
| 21 | Completing incomplete work of Fire-Brigade Station at Marol-Maroshi Road, Andheri (E). | 1,29,40,617.00 | 16,66,290.00 |
| 22 | Proposed additional floor over the School Building at Saraswati Baug, Jogeshwari. | 3,75,288.00 | 72,492.00 |
| 23 | Super-structure for proposed Market at Turner Road, Bandra (West). | 35,36,419.00 | 14,43,339.00 |
| 24 | Super-structure for School Building at Gundavali, Andheri | 77,10,125.00 | 15,28,945.00 |
| 25 | Proposed construction of Gymnasium and Library at Tare Marg, Dahisar (West). | 17,00,183.00 | 5,42,824.00 |
| 26 | Proposed construction of Hindu Cemetery at Madh, Malad (West). | 47,52,181.00 | 16,71,970.00 |
| 27 | Proposed Dispensary Maternity Home Staff Quarters at Bhardawadi, Andheri (West). | 1,14,03,496.00 | 15,51,591.00 |
| 28 | Construction of Dispensary Office Building Quarters at P. No. 321, T.P.S. II, Nehru Road, Vile Parle (East). | 16,11,459.00 | 11,81,383.00 |
| 27 | Proposed construction of Multistoried Hospital Building at Bhabha Hospital, Bandra (W). | 3,88,86,873.00 | 8,56,000.00 |
| 30 | Construction of Up-graded Dispensary at Hanuman Nagar Kandivali (East). | 2,01,638.00 | 70,823.00 |
| 31 | Pile-foundation for Hospital Staff Quarters at Sidharth Nagar, Goregaon (West). | 76,59,767.00 | 24,48,248.00 |
| 32 | Proposed Cascade and Fountain at Chhatrapati Rajaram Maharaj Udyan, Jogeshwari. | 7,73,494.00 | 3,32,639.00 |
| 33 | Construction of Superstructure of School Building at D.N. Nagar, Andheri (West). | 73,94,819.00 | — |
| 34 | Proposed Sport Complex at the junction of Jai-prakash Road and Veera Desai Road, Andheri (West). | 9,31,99,620.00 | 3,66,912.00 |
| 35 | Proposed construction of School Building on Plot between Cama Road and Paligram Road, Andheri (West). | 30,48,281.00 | — |
| 36 | Construction of A.C. Plant Generator Room Hospital at S.V. Road, Kandivali. | 34,28,111.00 | 1,60,405.00 |
| 37 | Construction of Pile-foundation of Welfare Centre at Veer Savakar Garden, Vile-Parle (East). | 10,74,920.00 | ... |
| Total | | 28,81,34,213.00 | 6,54,93,536.00 |

| Serial No. | Name of the work | Expenditure (Rs. in Lakhs) | |
|------------------------|---|----------------------------|---------|
| Eastern Suburbs | | | |
| 1 | Construction of Centenary Hospital at Govandi ... | 2 55.74 | 91.41 |
| 2 | Construction of School Building at Poddar Compound Ghatkopar. | 95.43 | 47.82 |
| 3 | Additional and Alternations to Centenary Hospital at Govandi. | 6.74 | 0.25 |
| 4 | Proposed additional two floors over Centralised Ambulance Service Building at Mulund. | 60.94 | 21.35 |
| 5 | Providing Compound Wall and amenities for Cemetery Ward No. 134, Tagore Nagar Vikhroli. | 17.77 | 6.48 |
| 6 | Construction of three additional floors and Lift-block at Bhabha Hospital Kurla. | 36.77 | 15.98 |
| 7 | Development of Garden at M.P. Road Mulund (East) ... | 37.84 | 21.40 |
| 8 | Construction of School Building at Parsiwadi Ghatkopar (West). | 61.31 | 24.64 |
| 9 | Construction of Swimming Pool at Chembur ... | 77.40 | 55.10 |
| 10 | Development of Karia Estate at Bhandup (West) for proposed Ward Office Building. | 15.05 | 5.20 |
| 11 | Construction of Transport Garage at Vikhroli (East) ... | 1,90.88 | 38.35 |
| 12 | Construction of Sports Complex at Sonar Bungla Mulund (West). | 5,23.16 | 1,95.14 |
| 13 | Construction of School Building at Passpoli Village Powai, Garden. | 58.75 | 14.87 |
| 14 | Construction of proposed Market at Tagore Nagar, Vikhroli (East). | 28.55 | 4.81 |
| 15 | Water proofing treatment to terraces of Municipal Buildings in Eastern Suburbs. | 26.25 | 7.56 |
| 16 | Centralised over-head Storage Tank for 396-300 Tenements at Sambhaji Nagar, Deonar. | 12.78 | 6.79 |
| 17 | Providing water proofing treatment to Sanitary Blocks of Municipal Building in Eastern Suburbs. | 25.94 | 1.28 |
| 18 | Construction of School Building on C.S. No. 423-A at Mouje Mohili, Kurla. | 57.49 | 4.34 |
| 19 | Development of Play ground at Children-Aid Society, Mankhurd. | 7.03 | 3.92 |
| 20 | Construction of stage-cum-Welfare Centre at Labour Camp., Chembur. | 27.41 | 3.81 |
| 21 | Construction of Building for A.C. Plant Generator Room and Receiving Station for General Hospital at Govandi (including Compound Wall). | 35.41 | ... |
| 22 | Proposed development of Play ground in Kannamwar Nagar, M.H.B. Colony, Vikhroli. | 7.76 | |
| 23 | Major repairs to the existing School Building at Tagore Nagar, Vikhroli. | 13.72 | 4.37 |
| 24 | Proposed Cemetery at Barve Nager, Ghatkopar (West) | 30.29 | 0.57 |
| 25 | Proposed construction of School Building at Tirandaz Village, Powai. | 58.73 | 7.25 |
| 26 | Proposed additional floor over the existing School Building at Naval Dock-yard Colony, Kanjur-marg. | 12.82 | 8.59 |
| Total .. | | 1,781.96 | 5,91.28 |

APPENDIX No. 2.

Statement showing details of repairs to roads and foot-paths carried out by Assistant Engineer Asphalt departmentally.

| Serial No. | Mode of Repairs | Area in Mts. | Amount |
|------------|--|--------------|--------------|
| | | | Rs. |
| 1 | Asphalt Roads repaired with Binder Grit Coat, Surface Coat, etc. | 84,392 | 24,97,083.20 |
| 2 | Potholes repaired | 4,504 | 1,52,243.29 |
| | | 88,896 | 26,49,326.49 |

APPENDIX No. 3.

Detailed report of total out put of Municipal Foundry.

| Serial No. | Type of Castings | Quantity | Weight in Kg. | Rate | Per | Amount |
|------------|--|----------|---------------|------|----------|-----------|
| | | | | Rs. | | Rs. |
| 1 | C. I. Manhole frames and Covers Complete .. | 463 | 113435 | 800 | Each | 3,70,400 |
| 2 | Rectangular M.R.F. & Covers (914×457) mm. .. | 80 | 19600 | 850 | Each | 68,000 |
| 3 | Rectangular M.R.F. & covers (914×610 mm.) .. | 238 | 77350 | 950 | Each | 2,26,100 |
| 4 | C.I. Machinable Castings .. | Lot | 45000 | 8 | Kg. | 3,60,000 |
| 5 | C.I. Non-machinable Castings.. | Lot | 5000 | 8 | Kg. | 40,000 |
| 6 | Brass Castings | Lot | 1761 | 45 | Kg. | 79,245 |
| 7 | Alluminium Castings .. | Lot | 18 | 25 | Kg. | 450 |
| 8 | White Metal Bearing .. | „ | 5 | 250 | Kg. | 1,250 |
| | | | | | Total .. | 11,45,445 |

APPENDIX No. 4.

Statement showing the details of asphalt plant production.

| | | | | | Main Plant. | Pegson Plant |
|-------------|-----|-----|-----|-----|-------------|--------------|
| | | | | | K.G. | K.G. |
| Binder | ... | ... | ... | ... | ... | ... |
| Surface | ... | ... | ... | ... | .. | ... |
| Chip coat | ... | ... | ... | ... | 41,28,550 | 14,58,780 |
| Grit coat | ... | ... | ... | ... | 1,83,150 | ... |
| Premix 1" | ... | ... | ... | ... | 10,330 | 4,89,780 |
| Premix 1/2" | ... | ... | ... | ... | 7,79,470 | 23,38,630 |
| | | | | | 51,01,500 | 42,87,190 |

APPENDIX No.5.

Statement showing the details of Works carried out by Electrical and Design Section (City and Suburbs).

| Serial No. | Description | Estimated Prepared | | Amount Rs. | | Contracts Awarded | | Amount Rs. | | |
|------------|--|--------------------|------|------------|-------------|-------------------|-------|------------|--------------|--------------|
| | | City | Sub. | City | Subs. | City | Subs. | City | Subs. | |
| 1 | Schools. | ... | 3 | 7 | 8,90,250 | 9,71,191 | ... | 2 | ... | 1,16,550 |
| 2 | Housing. | ... | 6 | 1 | 10,45,000 | 2,03,000 | 2 | ... | 2,37,332.35 | ... |
| 3 | Medical Institutions, Nurses House, Health Centre. | ... | 8 | 8 | 22,01,755 | 10,06,015 | 7 | ... | 7,97,630 | ... |
| 4 | Markets. | ... | .. | .. | ... | ... | 1 | ... | ... | 83,680 |
| 5 | Offices. | ... | 2 | 2 | 71,500 | 1,18,500 | 1 | ... | 88,806 | ... |
| 6 | Slums. | ... | ... | ... | ... | ... | 2 | ... | 2,46,510 | ... |
| 7 | Lifts. | ... | 12 | 3 | 42,64,441 | 16,60,300 | 9 | 1 | 28,59,241 | 4,91,600 |
| 8 | Intercom | ... | 2 | 1 | 85,366 | 1,46,540 | 1 | 1 | 13,685.24 | 1,25,273.57 |
| 9 | Miscellaneous. | ... | 3 | 4 | 28,04,000 | 35,28,000 | 3 | 2 | 96,971 | 69,65,836 |
| Total: | | ... | 36 | 26 | 1,13,62,312 | 76,33,546 | 26 | 6 | 43,40,175.59 | 77,72,939.57 |

APPENDIX No. 6.

Statement showing the works carried out by Road Branch (City and Suburbs) during the year.

| Serial No. | Particulars | Completed works. | | | | Works in Progress. | | | | |
|------------|---------------------------------------|------------------|------|---------------------------|--------|--------------------|------|------------------------------|----------|----------|
| | | Nos. | | Actual cost Rs. in lakhs, | | Nos. | | Estimated cost Rs. in lakhs. | | |
| | | City. (Proj.) | Sub. | City. (Proj.) | Sub. | City. (Proj.) | Sub. | City. (Proj.) | Sub. | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | |
| | | | | Rs. | Rs. | | | Rs. | Rs. | |
| 1 | Road Resurfacing in asphalt Concrete. | 7 | 1 | 179.34 | 1.02 | 6 | 2 | 869.01 | 205.65 | |
| 2 | Road Resurfacing cement in concrete | .. | ... | .. | ... | 4 | 3 | 305.46 | 146.04 | |
| 3 | Construction of new Rds. | .. | 4 | .. | 32.91 | 2 | 8 | 164.32 | 237.06 | |
| 4 | Road widening | ... | 3 | 10 | 55.10 | 207.53 | 3 | 21 | 161.00 | 1,266.72 |
| 5 | Any other works | .. | 4 | 1 | 85.24 | 10.09 | 1 | 3 | 43.43 | 56.99 |
| 6 | S. W. Drains | ... | 3 | 4 | 13.61 | 15.14 | 4 | 2 | 142.71 | 25.23 |
| 7 | Nallas | ... | 2 | 10 | 39.39 | 35.40 | 1 | 2 | 37.78 | 11.24 |
| Total | | ... | 19 | 30 | 372.68 | 302.09 | 21 | 41 | 1,723.71 | 1,948.93 |

APPENDIX No. 7

Statement showing the details of works carried out by Air-Conditions & Refrigeration Section (City and Suburbs)

| Serial No. | Nature of Proposal. | Estimates prepared. | | | | Works Contract awarded | | | | Works completed. | | | | Works in progress | | | | |
|----------------------|---|---------------------|--------|--------------|--------|------------------------|--------|--------------|-----------|------------------|--------|--------------|-----------|-------------------|-------------|--------------|-------------|-------------|
| | | City | | Suburbs. | | City | | Suburbs | | City | | Suburbs | | City | | Suburbs | | |
| | | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | No. | Amount | |
| | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | Rs. | Rs. | | | |
| Loan Works | | | | | | | | | | | | | | | | | | |
| 1 | Central Plants. | ... | 2 | 5,52,856.00 | .. | .. | ... | ... | ... | ... | ... | ... | ... | 1 | 1,12,856.00 | ... | ... | |
| 2 | Packaged A/c. Units (Water Cooled.) | ... | 3 | 8,69,876.00 | .. | ... | 1 | 3,06,575.00 | 2 | 6,66,620.00 | 1 | 3,06,575.00 | ... | ... | ... | 2 | 6,66,620.00 | |
| 3 | Package A/c. Units (Air-Cooled.) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 4 | Mortuaries Condensing unit. | ... | 2 | 7,53,742.00 | .. | ... | 1 | 1,09,375.00 | ... | ... | 1 | 1,09,375.00 | ... | ... | ... | ... | ... | |
| 5 | Window model Air-Conditioners. | ... | 10 | 24,26,855.00 | 3 | 1,67,356.00 | 4 | 2,52,281.00 | 2 | 68,064.00 | 4 | 2,52,281.00 | 2 | 68,064.00 | 1 | 19,40,936.00 | ... | ... |
| 6 | Roof Insulation, Boxing False Ceiling and Acoustic Treatment etc. | ... | 3 | 11,09,982.00 | ... | ... | 2 | 3,71,520.00 | 1 | 7,850.00 | 2 | 3,71,520.00 | 1 | 7,850.00 | ... | ... | ... | ... |
| Revenue Works | | | | | | | | | | | | | | | | | | |
| 7 | Supply of Electric material | ... | ... | ... | ... | ... | ... | 1 | 1,969.00 | ... | ... | 1 | 1,969.00 | ... | ... | ... | ... | |
| 8 | Repairs to A. C. plant | ... | ... | ... | ... | ... | ... | 2 | 10,775.00 | ... | ... | 2 | 10,775.00 | ... | ... | ... | ... | |
| Total Rs. | | ... | 20 | 57,13,311.00 | 3 | 1,67,356.00 | 8 | 10,39,751.00 | 8 | 7,55,278.00 | 8 | 10,39,751.00 | 6 | 88,658.00 | 2 | 20,53,792.00 | 2 | 6,66,620.00 |

APPENDIX No. 8

Statement showing details of works carried out by building construction
(Electrical Section)

| Series No. | Description of the work | Works Completed | Actual Expenditure | Works in progress | Expenditure up to 31-3-1983 |
|------------|---|-----------------|---------------------|-------------------|-----------------------------|
| | | | Rs. | | Rs. |
| 1 | Schools— | | | | |
| | City | 2 | 2,85,000.00 | 1 | 50,000.00 |
| | Western Suburbs | 7 | 5,69,649.00 | 12 | 22,311.00 |
| | Eastern Suburbs | 2 | 2,75,000.00 | 4 | Nil |
| 2 | Ward Offices— | | | | |
| | City | 1 | 96,000.00 | 1 | 61,000.00 |
| | Western Suburbs | .. | .. | 1 | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 3 | Hospital & Dispensary & Maternity Home— | | | | |
| | City | 5 | 5,50,000.00 | 2 | .. |
| | Western Suburbs | 7 | 1,65,891.00 | 7 | 7,26,991.00 |
| | Eastern Suburbs | .. | .. | 3 | 11,02,000.00 |
| 4 | Markets— | | | | |
| | City | 1 | 80,000.00 | 1 | 25,000.00 |
| | Western Suburbs | .. | .. | 2 | 38,063.00 |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 5 | Housing — | | | | |
| | City | .. | .. | 6 | 3,87,000.00 |
| | Western Suburbs | 2 | 3,93,967.00 | 1 | .. |
| | Eastern Suburbs | 2 | 4,00,000.00 | 1 | .. |
| 6 | Garages Cattle Pond— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | 1 | 33,235 | .. | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 7 | Welfare Centre— | | | | |
| | City | 2 | 65,000.00 | .. | 70,000.00 |
| | Western Suburbs | 5 | 67,040.00 | 3 | .. |
| | Eastern Suburbs | 1 | 40,000.00 | 4 | .. |
| 8 | Lifts— | | | | |
| | City | 8 | 17,80,000.00 | 1 | 50,000.00 |
| | Western Suburbs | .. | .. | 4 | 2,00,000.00 |
| | Eastern Suburbs | 1 | 2,87,000.00 | 3 | 6,06,000.00 |
| 9 | Cemeteries— | | | | |
| | City | .. | .. | 1 | 50,000.00 |
| | Western Suburbs | 2 | 21,05,624.00 | 1 | .. |
| | Eastern Suburbs | 1 | 90,000.00 | 1 | .. |
| 10 | Fire Brigade — | | | | |
| | City | .. | .. | 1 | 80,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 11 | Drama Theatre— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 12 | Swimming Pool— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 13 | Misc. Works Air-Conditioning Electrification in Slums P. S. C.'s etc.) | | | | |
| | City | .. | .. | 1 | 75,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | 5 | 3,46,000.00 | 8 | 7,00,000 |
| | Total : | 55 | 76,29,476.00 | 76 | 42,43,365.00 |

APPENDIX No. 9.

Statement showing the Road Construction Works completed and those in progress.

A. Works Completed.

| Serial No. | Name of the works. | Expenditure (Rs. in Lakhs) |
|---|---|----------------------------|
| City. | | |
| I...Road Resurfacing in Asphalt Concrete. | | |
| 1 | Resurfacing at certain Roads in City in A. P. Part-IV. | 12.92 |
| 2 | Part-X-Madam Cama Road. | 19.60 |
| 3 | Part-XII-Kalbadevi Road, Bapu Khote Road. | 19.92 |
| 4 | Part-XIII-Walkeshwar Road, Dr. S. S. Rao Road. | 37.65 |
| 5 | Part-XVIII-Keshavrao Khadye Marg, Gokhale Road. | 44.50 |
| 6 | Part-XXI-Opera House. | 25.05 |
| 7 | Resurfacing M. K. Road from Opera House to Co-operage Band-Stand. | 19.70 |
| Total : | | 179.34 |

Road surface of M. V. Road from junction of Kale Marg to Jarimari, Kurla.

| | |
|-----------|-------------|
| .. | 1,02,901.18 |
| Total Rs. | 1,02,901.18 |

II—Construction of New Roads.

CITY

NIL.

SUBURBS.

| | | |
|-----------|--|--------------|
| 1 | Extension of 18 M. D. P. Road with Asphalt Macadam from R. C. Marg to Sidharth Nagar, behind Beggars Home. | 4,55,095.51 |
| 2 | Extension of P. K. Road from Goshala Road to Vidyapati Nagar with Asphalt Macadam and providing Storm Water Drain at Mulund (W.). | 7,86,227.82 |
| 3 | Construction of 13 M. D. P. Road Part-18 M. D. Road in Asphalt-Macadam for Vishwakarma Marg to extension of P. K. Road at junction of Saint Mary High School at Mulund (West). | 8,71,531.23 |
| 4 | Construction of 27 M. Wide D. P. Road in Asphalt Macadam from M. G. Road to Link Road at Ghatkopar (East). Part-III. | 11,78,612.87 |
| Total Rs. | | 32,91,468.43 |

III—Road Widening.

CITY

| | (Rs. in Lakhs) | |
|---------|--|-------|
| 1 | Widening of G. M. Bhosale Marg at Worli. | 19.90 |
| 2 | Adding Set-back Lands in E. F, and G Wards, year, 1981-82. | 21.90 |
| 3 | Adding Set-back Lands in ('A', 'B', 'C' and 'D' wards year, 1981-82. | 13.30 |
| Total : | | 55.10 |

APPENDIX No. 8

Statement showing details of works carried out by building construction
(Electrical Section)

| Serial No. | Description of the work | Works Completed | Actual Expenditure | Works in progress | Expenditure up to 31-3-1983 |
|------------|---|-----------------|---------------------|-------------------|-----------------------------|
| | | | Rs. | | Rs. |
| 1 | Schools— | | | | |
| | City | 2 | 2,85,000.00 | 1 | 50,000.00 |
| | Western Suburbs | 7 | 5,69,649.00 | 12 | 22,311.00 |
| | Eastern Suburbs | 2 | 2,75,000.00 | 4 | Nil |
| 2 | Ward Offices— | | | | |
| | City | 1 | 96,000.00 | 1 | 61,000.00 |
| | Western Suburbs | .. | .. | 1 | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 3 | Hospital & Dispensary & Maternity Home— | | | | |
| | City | 5 | 5,50,000.00 | 2 | .. |
| | Western Suburbs | 7 | 1,65,891.00 | 7 | 7,26,991.00 |
| | Eastern Suburbs | .. | .. | 3 | 11,02,000.00 |
| 4 | Markets— | | | | |
| | City | 1 | 80,000.00 | 1 | 25,000.00 |
| | Western Suburbs | .. | .. | 2 | 38,063.00 |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 5 | Housing — | | | | |
| | City | .. | .. | 6 | 3,87,000.00 |
| | Western Suburbs | 2 | 3,93,967.00 | 1 | .. |
| | Eastern Suburbs | 2 | 4,00,000.00 | 1 | .. |
| 6 | Garages Cattle Pond— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | 1 | 33,235 | .. | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 7 | Welfare Centre— | | | | |
| | City | 2 | 65,000.00 | .. | 70,000.00 |
| | Western Suburbs | 5 | 67,040.00 | 3 | .. |
| | Eastern Suburbs | 1 | 40,000.00 | 4 | .. |
| 8 | Lights— | | | | |
| | City | 8 | 17,80,000.00 | 1 | 50,000.00 |
| | Western Suburbs | .. | .. | 4 | 2,00,000.00 |
| | Eastern Suburbs | 1 | 2,87,000.00 | 3 | 6,06,000.00 |
| 9 | Cemeteries— | | | | |
| | City | .. | .. | 1 | 50,000.00 |
| | Western Suburbs | 2 | 21,05,624.00 | 1 | .. |
| | Eastern Suburbs | 1 | 90,000.00 | 1 | .. |
| 10 | Fire Brigade — | | | | |
| | City | .. | .. | 1 | 80,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 11 | Drama Theatre— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 12 | Swimming Pool— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 13 | Misc. Works At —Conditioning Electrification in Slums P. S. C.'s etc.) | | | | |
| | City | .. | .. | 1 | 75,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | 5 | 3,46,000.00 | 8 | 7,00,000 |
| | Total: | 55 | 76,29,476.00 | 76 | 42,43,365.00 |

APPENDIX No. 9.

Statement showing the Road Construction Works completed and those in progress.

'A. Works Completed.

| Serial No. | Name of the works. | Expenditure (Rs. in Lakhs) |
|---|---|----------------------------|
| City. | | |
| I....Road Resurfacing in Asphalt Concrete. | | |
| 1 | Resurfacing at certain Roads in City in A. P. Part-IV. | 12.92 |
| 2 | Part-X-Madam Cama Road. | 19.60 |
| 3 | Part-XII-Kalbadevi Road, Babu Khote Road. | 19.92 |
| 4 | Part-XIII-Walkeshwar Road, Dr. S. S. Rao Road. | 37.65 |
| 5 | Part-XVIII-Keshavrao Khadye Marg, Gokhale Road. | 44.50 |
| 6 | Part-XXI-Opera House. | 25.05 |
| 7 | Resurfacing M. K. Road from Opera House to Co-operage Band-Stand. | 19.70 |
| | Total : | 179.34 |

Road surface of M. V. Road from junction of Kale Marg to Jarimari, Kurla.

.. 1,02,901.18
Total Rs. .. 1,02,901.18

II—Construction of New Roads.

CITY

NIL.

SUBURBS.

| | | |
|---|--|--------------|
| 1 | Extension of 18 M. D. P. Road with Asphalt Macadam from R. C. Marg to Sidharth Nagar, behind Beggars Home. | 4,55,095.51 |
| 2 | Extension of P. K. Road from Goshala Road to Vidyapati Nagar with Asphalt Macadam and providing Storm Water Drain at Mulund (W.). | 7,86,227.82 |
| 3 | Construction of 13 M. D. P. Road Part-18 M. D. Road in Asphalt-Macadam for Vishwakarma Marg to extension of P. K. Road at junction of Saint Mary High School at Mulund (West). | 8,71,531.23 |
| 4 | Construction of 27 M. Wide D. P. Road in Asphalt Macadam from M. G. Road to Link Road at Ghatkopar (East). Part-III. | 11,78,612.87 |
| | Total Rs. | 32,91,468.43 |

III—Road Widening.

CITY

| | (Rs. in Lakhs) | |
|---|--|-------|
| 1 | Widening of G. M. Bhosale Marg at Worli. | 19.90 |
| 2 | Adding Set-back Lands in E, F, and G Wards, year, 1981-82. | 21.90 |
| 3 | Adding Set-back Lands in ('A', 'B', 'C' and 'D' wards year, 1981-82. | 13.30 |
| | Total : | 55.10 |

APPENDIX No. 8

Statement showing details of works carried out by building construction
(Electrical Section)

| Serial No. | Description of the work | Works Completed | Actual Expenditure | Works in progress | Expenditure up to 31-3-1983 |
|------------|---|-----------------|---------------------|-------------------|-----------------------------|
| | | | Rs. | | Rs. |
| 1 | Schools— | | | | |
| | City | 2 | 2,85,000.00 | 1 | 50,000.00 |
| | Western Suburbs | 7 | 5,69,649.00 | 12 | 22,311.00 |
| | Eastern Suburbs | 2 | 2,75,000.00 | 4 | Nil |
| 2 | Ward Offices— | | | | |
| | City | 1 | 96,000.00 | 1 | 61,000.00 |
| | Western Suburbs | .. | .. | 1 | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 3 | Hospital & Dispensary & Maternity Home— | | | | |
| | City | 5 | 5,50,000.00 | 2 | .. |
| | Western Suburbs | 7 | 1,65,891.00 | 7 | 7,26,991.00 |
| | Eastern Suburbs | .. | .. | 3 | 11,02,000.00 |
| 4 | Markets— | | | | |
| | City | 1 | 80,000.00 | 1 | 25,000.00 |
| | Western Suburbs | .. | .. | 2 | 38,063.00 |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 5 | Housing — | | | | |
| | City | .. | .. | 6 | 3,87,000.00 |
| | Western Suburbs | 2 | 3,93,967.00 | 1 | .. |
| | Eastern Suburbs | 2 | 4,00,000.00 | 1 | .. |
| 6 | Garages Cattle Pond— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | 1 | 33,235 | .. | .. |
| | Eastern Suburbs | .. | .. | 1 | .. |
| 7 | Welfare Centre— | | | | |
| | City | 2 | 65,000.00 | .. | 70,000.00 |
| | Western Suburbs | 5 | 67,040.00 | 3 | .. |
| | Eastern Suburbs | 1 | 40,000.00 | 4 | .. |
| 8 | Lifts— | | | | |
| | City | 8 | 17,80,000.00 | 1 | 50,000.00 |
| | Western Suburbs | .. | .. | 4 | 2,00,000.00 |
| | Eastern Suburbs | 1 | 2,87,000.00 | 3 | 6,06,000.00 |
| 9 | Cemeteries— | | | | |
| | City | .. | .. | 1 | 50,000.00 |
| | Western Suburbs | 2 | 21,05,624.00 | 1 | .. |
| | Eastern Suburbs | 1 | 90,000.00 | 1 | .. |
| 10 | Fire Brigade — | | | | |
| | City | .. | .. | 1 | 80,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | 2 | .. |
| 11 | Drama Theatre— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 12 | Swimming Pool— | | | | |
| | City | .. | .. | .. | .. |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | .. | .. | .. | .. |
| 13 | Misc. Works Air Conditioning Electrification in Slums P. S. C.'s etc.) | | | | |
| | City | .. | .. | 1 | 75,000.00 |
| | Western Suburbs | .. | .. | .. | .. |
| | Eastern Suburbs | 5 | 3,46,000.00 | 8 | 7,00,000 |
| | Total : | 55 | 76,29,476.00 | 76 | 42,43,365.00 |

APPENDIX No. 9.

Statement showing the Road Construction Works completed and those in progress.

'A. Works Completed.

| Serial No. | Name of the works. | Expenditure (Rs. in Lakhs) |
|---|--|----------------------------|
| City. | | |
| I... Road Resurfacing in Asphalt Concrete. | | |
| 1 | Resurfacing at certain Roads in City in A. P. Part-IV. | 12.92 |
| 2 | Part-X-Madam Cama Road. | 19.60 |
| 3 | Part-XII-Kalbadevi Road, Babu Khote Road. | 19.92 |
| 4 | Part-XIII-Walkeshwar Road, Dr. S. S. Rao Road. | 37.65 |
| 5 | Part-XVIII-Keshavrao Khadye Marg, Gokhale Road. | 44.50 |
| 6 | Part-XXI-Opera House. | 25.05 |
| 7 | Resurfacing M. K. Road from Opera House to Co-operage Band-Stand. | 19.70 |
| | Total : | 179.34 |
| SUBURBS. | | |
| 1 | Improving Road Surface of M. V. Road from junction of Kale Marg to Jarimari, Kurla. | 1,02,901.18 |
| | Total Rs. | 1,02,901.18 |
| II—Construction of New Roads. | | |
| CITY | | |
| NIL. | | |
| SUBURBS. | | |
| 1 | Extension of 18 M. D. P. Road with Asphalt Macadam from R. C. Marg to Sidharth Nagar, behind Beggars Home. | 4,55,095.51 |
| 2 | Extension of P. K. Road from Goshala Road to Vidyapati Nagar with Asphalt Macadam and providing Storm Water Drain at Mulund (W.). | 7,86,227.82 |
| 3 | Construction of 13 M. D. P. Road Part-18 M. D. Road in Asphalt-Macadam for Vishwakarma Marg to extension of P. K. Road at junction of Saint Mary High School at Mulund (West). | 8,71,531.23 |
| 4 | Construction of 27 M. Wide D. P. Road in Asphalt Macadam from M. G. Road to Link Road at Ghatkopar (East). Part-III. | 11,78,612.87 |
| | Total Rs. | 32,91,468.43 |
| III—Road Widening. | | |
| CITY | | (Rs. in Lakhs) |
| 1 | Widening of G. M. Bhosale Marg at Worli. | 19.90 |
| 2 | Adding Set-back Lands in E. F, and G Wards, year, 1981-82. | 21.90 |
| 3 | Adding Set-back Lands in ('A', 'B', 'C' and 'D' wards year, 1981-82. | 13.30 |
| | Total : | 55.10 |

SUBURBS.

| | | |
|----|---|----------------|
| 1 | W/I. 15M. and 12M. Wide Bus Route at Pant Nagar and Hingwala Lane in A/M. and providing S. W. Drains at Ghatkopar (East). | 16,53,572.98 |
| 2 | W/I. Internal Roads in Tilak Nagar, Chembur 'M' Ward. | 14,66,694.84 |
| 3 | W/I. Peripherial Roads of Deonar Abattoir at Govandi 'M' Ward in A/M and providing S. W. Drains. | 25,46,664.22 |
| 4 | W/I. Internal Road with A/M in Deonar Slaughter House, Deonar. | 8,71,428.93 |
| 5 | W/I. existing M. V. Road between Sakinaka to Bail Bazar and providing S. W. Drains. | 36,23,319.64 |
| 6 | W/I. Ist. Road in S. S.-III, Chembur. | 2,83,767.25 |
| 7 | W/I. 13 Mts. D. P. Road from Kajupada Bridge to Kulkarni Wadi, 'L' Ward. | 5,01,046.69 |
| 8 | W/I. L. B. S. Marg from proposed trained Nalla upto Bhandup Cemetry. | 40,76,968.55 |
| 7 | W/I. L. B. S. Marg from Culvert near J. & J. Co. to trained Nalla Pt. I, Hoechst Co. | 24,26,462.97 |
| 10 | W/I. 18 Mts. Wide Road Serving as Bus Route in Kannamwar Nagar, Vikhroli (East) | 33,03,843.29 |
| | Total Rs. | 2,07,53,769.36 |

IV.—Any other works.

CITY

(Rs. in lakhs)

| | | |
|---|---|-------|
| 1 | Repairs to Bad Spots of Major Roads in City. | 59.73 |
| 2 | Repairs to Potholes in 'A', 'B', 'C' and 'D' Wards. | 8.77 |
| 3 | Do. in 'F'/South and 'F' North-Wards. | 8.43 |
| 4 | Do. in 'G'/South, and 'G' /North Wards. | 8.31 |
| | Total Rs. | 85.24 |

SUBURBS.

| | | |
|---|--|--------------|
| 1 | Construction of Road Set-back anywhere in 'N', 'S' and 'T' Wards Limit in A/M. including S. W. Drains. | 10,09,084.21 |
| | Total Rs. | 10,09,084.21 |

V.—S. W. Drains.

CITY.

| | | |
|---|---|-------|
| 1 | Providing and Laying 900mms. dia. S. W. D. at Garam Khada Market... | 6.83 |
| 2 | S. W. D. at Wadala. | 4.01 |
| 3 | S. W. D. at Shastri Hall. | 2.77 |
| | Total Rs. | 13.61 |

SUBURBS.

| | | |
|---|---|--------------|
| 1 | Construction of U. C. R. Masonary S. W. Drains in Tilak Nagar, Phase-I, Chembur. | 3,73,260.09 |
| 2 | Construction of Major S. W. Drains in Kannamwar Nagar, Vikhroli (East), Part-I. | 4,13,254.34 |
| 3 | Construction of Pucca S. W. Drains and Cross Drains in Nehru Nagar, Kurla, Pt.-II 'L' Ward. | 2,02,005.38 |
| 4 | Construction of U. C. R. Masonary S. W. D. and Cross Drains in Nehru Nagar, Kurla (East). Pt. I 'L' Ward. | 5,25,981.15 |
| | Total Rs. | 15,14,500.96 |

VI.—Nallas.

CITY

(Rs. in Lakhs)

| | | |
|---|--|-------|
| 1 | Training of Nalla at Indira Nagar, Part-I. | 12.80 |
| 2 | S. W. D. at Joglekar Nalla. | 26.59 |
| | Total Rs. | 39.39 |

| Serial No. | Name of the work | Expenditure upto 31-3-1983. |
|----------------|---|-----------------------------|
| SUBURBS | | |
| 1 | Training construction of Nalla approach road and Culvert in Slum Colony known as Ambika Nagar off Nehru Road, Mulund (West). | 99,697.17 |
| 2 | Training of Nalla from Tansa Mains near Western Boundary of Somaiya Trust Property upto the existing Culvert Across B. C. Marg, Ghatkopar. Pt.-II. | 15,93,909.40 |
| 3 | Training of Nalla from Culvert under Vidya Vihar Station upto the trained Nallah on South side of Station Road, Vidya-Vihar (East). | 2,96,057.57 |
| 4 | Training of Nalla on the Up-stream side of Culvert No. 10, Kherani Road, near Saki-naka, Kurla (West). | 4,70,495.41 |
| 5 | Training of Nalla Culvert across E. E. Highway upto Culvert across 60' Road at Kannamwar Nagar, Vihkroli (East). | 53,593.60 |
| 6 | Training of further portion of trained Nalla upto the Housing Board Limit, Laxmi Baug, Ghatkopar (West). | 4,13,872.35 |
| 7 | Training and construction of S. W. Drains through the Premises of Fatima School including of remodielling of Culvert of Kirol Road, Ghathopar (West). | 1,77,303.11 |
| 8 | Training of Nalla from Hanuman Nagar, (Near P. S. C. Block) to Pratap Nagar, Bhandup (West). | 1,36,725.58 |
| 9 | Training of Nalla from Culvert across L. B. S. Marg, (Near Hakimrai Compound), Bombay Cables, Bhandup (West). | 68,393.61 |
| 10 | Training of Minor Nalla from Gavan Passage upto Nalla a near Govandi Stn. passing through the Plot of B. E. S. T. Depot., Govandi. | 2,30,023.13 |
| Total Rs. | | 35,40,050.93 |

'B' Works in Progress.

| Serial No. | Name of the work | Estimated Cost (Rs. in lakhs) | Expenditure booked upto 31-3-1983 (Rs. in lakhs) |
|--|--|-------------------------------|--|
| I—Road Resurfacing in Asphalt Concrete. | | | |
| CITY | | | |
| 1 | Resurfacing Part-II, L. B. S. Dharavi Link Rd. | 210.00 | 22.15 |
| 2 | Resurfacing Part-III. | 208.00 | 65.43 |
| 3 | Resurfacing Part-14. | 108.91 | 29.54 |
| 4 | Resurfacing Part-9. | 158.30 | 38.03 |
| 5 | Rambhau Bhogale Marg. | 33.63 | .. |
| 6 | Resurfacing Part-VI. | 150.17 | 33.62 |
| Total Rs. | | 869.01 | 188.77 |
| SUBURBS. | | | |
| 1 | Concreting of Internal Roads and Parking Places and providing S. W. Drains, Compound Walls for Octroi Entries on East side of E. E. Highway, Mulund. | 42,85,704.00 | 21,57,694.66 |
| 2 | Resurfacing of Chembur Manhhurd Link Rd. | 1,62,79,395.00 | 1,30,54,832.58 |
| Total Rs. | | 2,05,65,099.00 | 1,52,12,527.24 |
| II—Road resurfacing with cement concrete. | | | |
| CITY | | | |
| 1 | Reconstruction of Sion Road in c. c. between Maheshwari Udyan and Road No. 19, Part-I. | (Rs. in Lakhs) 72.42 | 21.67 |
| 2 | Between M. L. Chowk & Road No. 19. | 94.22 | 31.10 |
| 3 | Between M. Chowk and E. E. Highway | 44.65 | 4.15 |
| 4 | Converting of junction in City Sant Rohidas Chowk. | 94.17 | 7.44 |
| Total Rs. | | 305.46 | 64.36 |

| Serial No. | Name of the Work | Estimated Cost | Expenditure boohed upto 31-3-1983 |
|---------------------------------|---|-----------------------|-----------------------------------|
| SUBURBS | | Rs. | Rs. |
| 1 | Concreting the major roads and junction across V.N. Purav Marg at Panjarapole Naka, Junction No. I. | 42,50,972.00 | 22,58,470.33 |
| 2 | Concreting the major roads and junction across V.N. Purav Marg at Panvel Naka, Junction No. II. | 35,21,757.00 | 20,88,549.85 |
| 3 | Concreting of Central Lanes and junction of Major Roads in Cement Concrete. | 68,31,916.00 | 21,14,064.53 |
| Total .. | | 1,46,04,645.00 | 64,61,084.71 |
| III...Construction of New Roads | | <i>Rs. in Lakhs</i> | |
| CITY | | | |
| 1 | Extension of Senapati Bapat Marg from Mori Road to Turner Road. | 99.88 | 20.00 |
| 2 | Construction of proposed 18.30 D.P. Road from proposed T.T. to E.E. Highway Anik Village. | 64.44 | 21.46 |
| Total .. | | 164.32 | 41.46 |
| SUBURBS | | | |
| 1 | Extension of Nahur Village Road and P.K. Road upto Mulund Goregaon Link Road and Concreting Link between these two extensions at Mulund. | 34,19,122.00 | 8,16,122.03 |
| 2 | Construction of access Road; Off E.E. Highway leading to B.E.S.T. Workshop and Bus Depot in Wadala Reclamation Scheme. | 48,37,891.00 | 23,05,557.08 |
| 3 | Construction of 13 Mts. D.P. Road from Sewri Ghatkopar Road and 13 Mts. wide D.P. Road from V.N. Purav Marg for approaches to Govandi General Hospital, Govandi. | 15,05,651.00 | 3,83,489.69 |
| 4 | Construction of 18 Mts. D.P. Road Parallel to E.E. Highway from Pestom Sagar Colony to Ghatkopar, Andheri Link Road. | 53,75,600.00 | 3908,254.73 |
| 5 | Construction of loop Road at Denoar Dumping Ground | 25,16,070.00 | .. |
| 6 | Construction of 18 Mts. wide D.P. Road Off S.G. Barve Marg near Thakkar Bappa Colony giving access to the proposed Bus Depot of M.S.R.T. at Sr. No. 14, Kurla (East). | 8,21,454.00 | 6,75,444.75 |
| 7 | Construction of 13 M. Wide D.P. Road in A/M from Ghatkopar Municipal School to Sewri Ghatkopar Link Road and Providing S.W. Drain at Chembur. | 4,51,568.00 | .. |
| 8 | Extension of main Road at Deonar Dumping Ground | 47,78,795.00 | .. |
| Total .. | | 2,37,06,151.00 | 80,88,868.28 |
| IV....Road Widening | | <i>(Rs. in Lakhs)</i> | |
| CITY | | | |
| 1 | Widening remaining portion of Bar katali Durga Marg .. | 111.18 | 49.98 |
| 2 | Adding Set-backs in 'A', 'B', 'C' and 'D' Wards year 1782-83. | 24.91 | 13.30 |
| 3 | Adding Set-backs in 'E', 'F' and 'G' Wards year, 1982-83. | 24.91 | 9.15 |
| Total .. | | 161.00 | 72.43 |

| Serial No. | Name of the Work | Estimated Cost | Expenditure booked upto 31-3-1983 |
|------------|---|-----------------|-----------------------------------|
| | | Rs. | Rs. |
| SUBURBS | | | |
| 1 | W/I. Aali Shankar Acharya Marg from L.B.S. Marg to Saki-Vihar Road, Part-I. | 82,49,168.00 | 30,53,337.46 |
| 2 | W/I. Shankar Acharya Marg, Part-II | .. | 30,54,295.23 |
| 3 | W/I. S.G. Barve Marg from Mithi River to L.B.S. Marg, Kurla (West). | 28,26,617.00 | 23,50,381.81 |
| 4 | W/I. of 18 Mts. D.P. Road known as Ganesh Mandir Road at Vikhroli in A/M. and providing S.W. Drains at Tagore Nagar, Vikhroli (East). | 20,57,600.00 | 8,16,195.86 |
| 5 | W/I. the Carriageway of the remaining portion of the main Road at Tagore Nagar, Vikhroli (East). | 24,63,698.00 | 7,88,329.69 |
| 6 | W/I. Shradhanand Road from Junction of M.G. Road upto Culvert, near Hanuman Mandir and providing U.G.S. W.D. at Ghatkopar. | 19,44,148.00 | 9,58,825.19 |
| 7 | W/I. Ghatkopar Industrial Estate Road, Off L.B.S. Marg with A/M. and providing U.G.S.W.D. for the Portion near Junction of L.B.S. Marg at Ghatkopar. | 28,84,877.00 | 6,64,759.95 |
| 8 | W/I. L.B.S. Marg in 'S' Ward Limit and providing S.W. Drains from Subhash Road to Lake Road, Part-III. | 45,69,055.00 | 29,06,651.17 |
| 9 | W/I. Ghatkopar Mahul Road from Refinery Railway Crossing to Mahul Village Chemkur. | 1,40,68,252.00 | 55,23,485.63 |
| 10 | W/I. V.N. Purav Marg from its junction with Mankhurd Railway Station Road upto Cheeta Camp at Trombay and Resurfacing of Mankhurd Station Road. II—Improving Choitram Gidwani Road and Dr. Soares Road. | 98,51,936.00 | 59,56,869.34 |
| 11 | W/I. existing D.P. Road in S. No. 14 Leading to proposed Sub-way under refinery Railway Track for the access to the proposed Bus Depot of M.S.R.C. at S. No. 14, Kurla (East). | 11,81,407.00 | 4,40,602.11 |
| 12 | W/I. L.B.S. Marg from Vikhroli Station to Nari-seva Sadan Road ('N' Ward Limit). | 67,40,445.00 | 9,32,665.58 |
| 13 | W/I. of L.B.S. Marg from Sitaram Bhairu Lane to 'L' Ward Limit, Part-II. | 1,59,24,683.00 | 23,91,270.16 |
| 14 | W/I. L.B.S. Marg from the junction of Sion to Sitaram Bhairu Marg, Kurla (West), Part-I. | 1,34,37,130.00 | 50,98,301.38 |
| 15 | W/R. of Road from L.B.S. Marg upto Nehru Nagar, Kanjur Village. | 42,87,800.00 | 17,32,903.17 |
| 16 | W/I. L.B.S. Marg in 'S' Ward Limits, Part-I Portion between Powai Road to Subhash Road. | 86,21,559.00 | 14,48,082.28 |
| 17 | W/I. Sant Narsi Mehta Marg from Junction of L.B.S. Marg upto the Culvert near Pipe Line and providing U.G.S. W.Ds. at Ghatkopar (West). | 14,19,064.00 | .. |
| 18 | W/I. 18.30 Mts. wide D.P. Road at Rifle Range from Sarvodaya Hospital at L.B.S. Marg to Meet the Road known as Ghatkopar Industrial Estate. | 37,31,947.00 | 1,79,180.34 |
| 19 | W/I. Ghatkopar Mahul Road from Refinery Crossing to Mahul and W/I. Corridor Road. | 55,36,904.00 | 35,77,983.57 |
| 20 | W/I of Goregaon Mulund Link Road between L.B.S. Marg and Railway Bridge. | 37,83,213.00 | 15,25,642.06 |
| 21 | Improvement of certain Roads in Tilak Nagar, Pestom Sagar and other Roads in Chem bur. | 48,43,861.00 | 36,62,232.85 |
| Total .. | | 12,66,72,532.00 | 4,70,61,994.83 |

| Serial No. | Name of the Work | Estimated Cost | Expenditure Booked upto 31-3-1983. |
|--------------------------|---|-------------------------|------------------------------------|
| V—Any Other Works | | | |
| CITY | | | |
| 1 | Maintenance of F.O.B.R.O.B. and Subways within Limit of M.C.G.B. | (Rs. in Lakhs) 43.43 | (Rs. in Lakhs) 8.60 |
| | Total .. | 43.43 | 8.60 |
| SUBURBS | | | |
| | | Rs. | Rs. |
| 1 | Adding Set-back anywhere in ' L ' & ' M ' Wards .. | 20,56,679.00 | 16,41,895.05 |
| 2 | Adding Set-back to Roads completing the incomplete Links and Major Roads in Suburban Wards. | 18,25,991.00 | 7,35,579.17 |
| 3 | Adding Set-back do in ' T ' Ward .. | 18,16,614.00 | .. |
| | Total .. | 56,99,284.00 | 23,77,474.22 |
| VI—S. W. Drains | | | |
| CITY | | | |
| | | (Rs. in Lakhs) | (Rs. in Lakhs) |
| 1 | Providing and Laying 400 mms. dia. S. W. Drain in Wadi Bunder Area. | 33.08 | 17.53 |
| 2 | S. W. by pass Drain and outfall at Haji Ali .. | 39.19 | 15.18 |
| 3 | S. W. Drain at Dumayan Road .. | 11.20 | 0.89 |
| 4 | S. W. D. at N. M. Joshi Marg .. | 59.24 | 4.33 |
| | Total .. | 1,42.71 | 37.93 |
| SUBURBS | | | |
| | | Rs. | Rs. |
| 1 | Construction of U.C.R. Masonary S.W. Drain and Cross Drain in Tilak Nagar, Part-II. | 15,24,837.00 | 12,03,767.62 |
| 2 | Construction of U.C.R. Masonary S.W. Drain at Lokhande Marg, Chembur. | 9,99,021.00 | 3,49,507.57 |
| | Total .. | 25,23,858.00 | 15,53,275.19 |
| VII—Nallas | | | |
| CITY | | | |
| | | (Rs. in Lakhs) | (Rs. in Lakhs) |
| 1 | Training of Nalla at Indira Nagar, Part-II .. | 37.78 | 20.83 |
| | Total .. | 37.78 | 20.83 |
| SUBURBS | | | |
| | | Rs. | Rs. |
| 1 | Widening of Nalla from Kurla Car Shed to Creek Passing through Central Railway— Quarters, Kurla. | 3,65,961.00 | 75,221.72 |
| 2 | Training of Nalla at S. No. 14 of Chembur from Culvert below Pipe upto Nehru Nagar, Kurla (East). | 7,58,686.00 | .. |
| | Total .. | 11,24,647.00 | 75,221.72 |

APPENDIX—10
AIR QUALITY MONITORING PROGRAMME
For the year 1982-83

| Station No. | Monitoring Station Code | Locational Address. | Date of Installation | No. of Sampling days in the year. | No. of Samples collected & Analysed. | | | | | | Total No. of sample meters. | |
|--|--------------------------------------|---|----------------------|-----------------------------------|--------------------------------------|--------|--------|-------|-------------------|---------------------|-----------------------------|--------|
| | | | | | SO 2 | NO X | NH3 | SPM | Sulpha-tion Rate. | S.P.M. Para-meters. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| I. HEALTH SURVEY. | | | | | | | | | | | | |
| Monitoring Programme. | | | | | | | | | | | | |
| 1 | Tilak Nagar | Tilak Nagar Municipal Dispensary, Chembur. | 11-1-1978 | 44 | 490 | 490 | .. | 44 | .. | 31 | 1059 | |
| 2 | Anik Nagar. | Anik Nagar, Municipal School Behind Shiv Temple, Anik Nagar. | 10-12-1977 | 16 | 180 | 178 | .. | 16 | .. | 10 | 384 | |
| 3 | Khar. | Municipal Veterinary Dispensary, S. V. Road, Khar, Bombay-400 052. | 4-1-1978 | 67 | 821 | 824 | .. | 67 | .. | 38 | 1750 | |
| 4 | Santacruz | Gazadar Park, Municipal School, North Avenue Road, Santacruz (West), Bombay-400 052. | 15-1-1978 | 52 | 580 | 588 | .. | 52 | .. | 35 | 1255 | |
| 5 | Parel. | A—Building No. RB/II/255 Railway Colony Central Railway, Parel Bombay-12. | 3-1-1978 | 61 | 702 | 707 | .. | 61 | .. | 40 | 1510 | |
| | | B—Narey Park Municipal School, Parel, Bombay-12. | 10-5-1982 | 61 | 702 | 707 | .. | 61 | .. | 40 | 1510 | |
| Total : | | | | 240 | 2773 | 2791 | .. | 240 | .. | 154 | 5958 | |
| II. ROUTINE SURVEY MONITORING PROGRAMME | | | | | | | | | | | | |
| 1 | Colaba. | Transport House, B. E. S. T. Shahid Bhagat Singh Road Colaba, Bombay-400 039. | 11-6-80 | 60 | 696 | 702 | .. | 60 | .. | 36 | 1,494 | |
| 2 | Babula Tank | Imamwada Municipal Secondary School, Imamwada Road, Bombay-400 009. | 14-4-79 | 56 | 622 | 628 | .. | 56 | 12 | 34 | 1,352 | |
| 3 | D. C. Road. | D. C. No. II Municipal Primary U. P. School, Drainage Channel Road Worli, Bombay—400 018. | 2-5-80 | 61 | 679 | 687 | 343 | 61 | .. | 33 | 1,803 | |
| 4 | Dadar | Woolen Mill Lane Municipal School, Dadar, Bombay 16. | 15-4-79 | 69 | 800 | 800 | .. | 69 | 12 | 44 | 1,725 | |
| 5 | Chembur Naka | Municipal U. P. School, Chembur Naka, Bombay-71. | 2-9-78 | 110 | 1177 | 1198 | .. | 110 | 12 | 48 | 2,545 | |
| 6 | Saki Naka | Marol Municipal Urdu School, Saki Naka, Bombay 72. | 17-4-79 | 61 | 683 | 692 | .. | 61 | 12 | 36 | 1,484 | |
| 7 | Pant Nagar, Ghatkopar. | Centenary year Primary School, Pant Nagar, Ghatkopar (East) Bombay-400 075. | 1-9-78 | 63 | 691 | 702 | .. | 63 | 12 | 32 | 1,500 | |
| 8 | Mulund. | Municipal Secondary School, P. Kheraji Road, Bombay-80. | 4-6-80 | 57 | 616 | 627 | .. | 57 | .. | 27 | 1,327 | |
| 9 | Borivli. | Municipal Primary School, Sodawala Lane, Borivli, Bombay-400 092. | 22-8-78 | 43 | 488 | 492 | .. | 43 | 12 | 31 | 1,066 | |
| 10 | Goregaon | Municipal U.P. School Unnat Nagar, Goregaon (West), Bombay-400 062. | 15-6-80 | 54 | 601 | 608 | .. | 54 | .. | 28 | 1,291 | |
| Total | | | | 634 | 7,053 | 7,136 | 343 | 634 | 72 | 349 | 15,587 | |
| III B.M.R.D.A. PROJECT | | | | | | | | | | | | |
| 1 | Bharat Refinery Mahul. | Staff Training Centre Bharat Refineries, Mahul, Bombay-74. | 4-6-80 | 45 | 502 | 514 | .. | 45 | .. | 26 | 1,087 | |
| 2 | Mankhurd. | Municipal School, Mankhurd. | 5-10-80 | 104 | 1,103 | 11,25 | 4 | 104 | .. | 53 | 2,389 | |
| 3 | Serwree. | Lal Bahadur Nautical Engg. College M. S. R. Road, Bombay-400 074. | 7-5-80 | 69 | 781 | 790 | 382 | 69 | .. | 40 | 2,062 | |
| Total | | | | .. | 218 | 2,386 | 2,429 | 386 | 218 | .. | 119 | 5,538 |
| IV R.C.F. SPONSORED (A.A.Q.M.) | | | | | | | | | | | | |
| 1 | Maravali. | Maravali Municipal School Ghatkoper Mahul Marg, Bombay-74. | 2-5-80 | 88 | 939 | 949 | 940 | 88 | .. | 37 | 2,953 | |
| 2 | Sion Koliwada | Karmaveer Dada Saheb Gaikwad Municipal U. P. School, Koliwada, Bombay-400 037. | 2-6-80 | 104 | 1,161 | 1,168 | 569 | 104 | .. | 43 | 30,45 | |
| Total | | | | .. | 192 | 2,100 | 2,117 | 1509 | 192 | .. | 80 | 5,998 |
| SUMMARY | | | | | | | | | | | | |
| I | Health Survey Monitoring Programme. | | .. | .. | 240 | 2,773 | 2,791 | .. | 240 | .. | 154 | 5,958 |
| II | Routine Survey Monitoring Programme. | | .. | .. | 634 | 7,053 | 7,136 | 343 | 634 | 72 | 349 | 15,587 |
| III | B.M.R.D.A Stations. | | .. | .. | 218 | 2,386 | 2,429 | 386 | 218 | .. | 119 | 5,538 |
| IV | R.C.F. Sponsored A. A. Q. M. | | .. | .. | 192 | 2,100 | 2,117 | 1,509 | 192 | .. | 80 | 5,998 |
| Grand Total | | | | .. | 1,284 | 14,312 | 14,473 | 2,238 | 1,284 | 72 | 702 | 33,081 |

APPENDIX No. 11
Air Monitoring Programme
Micro-Meteorological Data

| Sr. No. | Meteo. Station Code | Number of observations in the year 1982-83 | | | Remarks |
|-----------------------|----------------------|--|------------|---------------------------------------|--|
| | | Wind Data | Rain Data | Around Station Ambient Air Temp. Data | |
| 1 | Marvali. .. F1 | 352 | 12 | | (1) Wind Data includes both wind speed and direction. |
| 2 | Sion-Koliwada. .. F2 | 2355 | 8 | | (2) Rain Data gives number of Samples collected. Each Sample was analysed for Seven para-meters. |
| 3 | Mahul. .. B1 | 1007 | 5 | | |
| 4 | Mankhurd. .. B2 | 2152 | 13 | | (3) *This Data is collected at a separate weather Station at Sahakar Nagar, Near Chembur Naka. |
| 5 | Sewree. .. B3 | 418 | 2 | | |
| 6 | Babula Tank. .. R2 | 643 | 3 | | (4) Ambient Air Temp. Data includes Mini Maxi, Dry and Wet Bulb Temperature. |
| 7 | Dadar. .. R4 | 1589 | 6 | | |
| 8 | Ghatkopar. .. R7 | 593 | 3 | 611 | |
| 9 | Mulund. .. R8 | 534 | 3 | 609 | |
| 10 | Borivali. .. R9 | 934 | 3 | 703 | |
| 11 | Goregaon. .. R10 | 266 | 2 | .. | |
| 12 | Santacruz. .. H4 | 850 | 3 | 613 | |
| 13 | Colaba. .. R1 | .. | 7 | | |
| 14 | D. C. Road. .. R3 | .. | 8 | 715* | |
| 15 | Chembur Naka. .. R5 | .. | 3 | / | |
| 16 | Marol Naka. .. R6 | .. | 6 | | |
| 17 | Tilak-Nagar. .. H1 | .. | 8 | | |
| 18 | Anik Nagar. .. H2 | .. | .. | | |
| 19 | Khar. .. H3 | .. | 17 | | |
| 20 | Parel. .. H5 | .. | 4 | | |
| Grand Total .. | | 11693 | 116 | 3251 | |

ANNEXURE—12

(CIVIL DEFENCE CELL—VIGILANCE WORK)

YEAR—1982-83

| | | | | |
|----|--|----|-----|-------|
| 1 | Inspection of works | .. | 171 | Nos. |
| 2 | Total cost of works inspected | .. | 115 | Lakhs |
| 3 | Technical audit of proposals. | | | |
| | (a) Internal proposals | .. | 129 | Nos. |
| | (b) Inter-departmental proposals. | .. | 16 | „ |
| | (c) Staff proposals | .. | 7 | „ |
| | (d) Internal & inter-Departmental Enquiries. | .. | 8 | „ |
| | Total | .. | 160 | „ |
| 4. | Liasion work. | | | |
| | (a) Union Matters. | .. | Nil | „ |
| | (b) Registration of contractors. | .. | 3 | „ |
| | (c) Tender Committees meetings— | | | |
| | (i) Departmental | .. | 23 | „ |
| | (ii) Inter-departmental | .. | 7 | „ |
| | Total | .. | 33 | „ |
| 5. | Project Monitoring & MBO Programme. | | | |
| | (a) Contractors appraisal reports. | .. | 3 | „ |
| | Total | .. | 3 | „ |

ESTATES AND LAND MANAGEMENT DEPARTMENT

Administration Report for the year 1982-83.

| | | | | | | | |
|-----------------------------------|----|----|----|----|----|-----|-------------|
| (1) Money spent | .. | .. | .. | .. | .. | Rs. | 6,95,58,855 |
| (2) Money earned— | | | | | | | |
| (i) Rent from tenants and lessees | .. | .. | .. | .. | .. | Rs. | 2,71,45,617 |
| (ii) Other | .. | .. | .. | .. | .. | Rs. | 97,84,608 |

A—Ex-Trust Section.

There were no changes in Schedules X, Y, and Z Lands. The changes effected in the other Ex-Trust Estates are shown in Statement 'A'. The undeveloped land at present with the Corporation is approximately 494 acres which covers the land at Dharavi Scheme 56.

B—Municipal Section.

5 plots in Municipal Scheme have been disposed off in the year 1982-83 as shown in statement 'C'.

The Statement below indicates the progress of the disposal of the Municipal land during the previous years.

| Year | No. of Plots | Area in Sq. Metres | Capital Value |
|---------|--------------|--------------------|---------------|
| 1979-80 | .. Nil | Nil | Rs. Nil |
| 1980-81 | .. 5 | 7850.28 | 30,64,534.00 |
| 1981-82 | .. 6 | 8,044.12 | 10,25,052.40 |

Slum Clearance

No new tenements were completed during the year under report.

Industrial Estates

The construction of Industrial Estates has been taken by Corporation for rehabilitation of the Industrial Units required to be shifted from the lands required for Municipal purposes.

No new Industrial Estate has been constructed during the year under report.

New Housing Schemes

(1) The following new tenements were completed during the year under report :—

- (i) 44 Tenements in transit camp near Bombay Central Railway Station.
- (ii) 9 Shops in Shopping Centre at Kamathipura 5th Lane.

(2) The recoveries of rents of the dormitory at Palton Road amounted to Rs. 53,254.14 during the year.

DISPOSAL OF LANDS

(A) Long Leases

5 plots were let out during the year. The total area of the land thus disposed off admeasures 18,335.09 square meters valued at Rs. 61,15,052.25. The total No. of plots disposed off upto the end of 1982-83 were 4,409 with an area of 54,49,468.32 square metres and valued at Rs. 16,13,12,037.65 yielding an annual ground rent of Rs. 74,39,115.69. The ground rent is charged at 10 per cent. on the value of land. The rate for calculating ground rent revised from 7 per cent. to 10 per cent. as per C. R. No. 546 of 23-3-1976. The commutation of Ground rent is stopped from 1st July 1962.

The progress of the disposal of Trust lands on permanent basis is shown as under :—

| Particulars | No. of Plots | Area in Sq. Mts. | Capital value | Annual Rent |
|-------------------------------|--------------|------------------|---------------|--------------|
| | | Rs. | Rs. | Rs. |
| Plots leased on Rental basis. | .. | | | |
| Corresponding figures :— | | | | |
| 1979-80 | Nil | .. | .. | .. |
| 1980-81 | 5 | 7,850.28 | 30,64,534 | 67,16,314.00 |
| 1981-82 | 6 | 8,044.12 | 10,25,052 | 41,11,295.00 |

The amount received by way of Commutation of ground rent and premium etc., during the year was Rs. 4,75,130.00.

As can be seen in the Statement 'J' vide Item No. 8 that percentage of 57.50 arrears could be attributed mostly to the usual tendency on the part of the prospective lessees to withhold payment of ground rent to the extent to cash security deposited by them with a view to getting the same adjusted towards the ground rent. The main items of arrears which constitute a part break up of Rs. 93,48,500.00 pertaining to 'B' Budget and of Rs. 3,01,513.00 pertaining to 'A' Budget shown in statement 'D' can be classified as under :—

| Ground rent | Rs. |
|--|-----------|
| 1) With held by lessees to the extent of their Security deposit. | 1,46,749 |
| 2) Of plots occupied by Government of Maharashtra and Defence Department. | 6,39,586 |
| 3) Of properties vested in the Deputy Custodian of Evacuee Property. | 277 |
| 4) Of Plots against which disputes have been raised and cases are under consideration. | 11,77,354 |
| 5) Due from Western and Central Railways. | 1,04,543 |
| 6) Due from Municipal Departments. | 1,25,657 |

(2) Short Leases

No temporary leases were granted during the year under report.

The number of vacant land tenancies both ex-Trust and Municipal Estates excluding those given in Mankhurd and Jogeshwari Colonis were 5086 and 678 respectively at the close of the year. The demand for vacant land tenancies in Ex-Trust Estates and Municipal Lands for the year under report was Rs. 12,59,363 and Rs. 5,77,269 and the recovery was Rs. 12,27,699.55 and Rs. 6,32,575 respectively inclusive of arrears.

MANAGEMENT OF PROPERTY AND COLLECTION OF REVENUE.

A—Trust Section.

(a) *Chawl Permanent* : The gross demand of tenements in the Chawls for the year was Rs. 41,20,341.87 on 31st March 1982 as against Rs. 52,20,500.

The concessional rent includes the rents of rooms let out to the peons of the different departments in lieu of house rent allowance and rent free quarters allotted to 193 sweepers of this department.

The Collection on account of rents from the permanent chawls during the year amount to Rs. 58,98,748 deducting therefrom the charges on account of outgoing amounting to Rs. 1,79,29,450 net loss comes to Rs. 1,33,40,167.

The capital expenditure incurred on the chawls including the value of the land is Rs. 246 lakhs. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent. per annum on the capital expenditure prior to 1919-20 and 6.35 per cent. per annum on the capital expenditure incurred in subsequent years and 4.24 per cent. in respect of those constructed after 1950. This amounts to 13.85 per annum. After adding the amount of net loss into the amount of interest and sinking fund charges as shown in Statement 'G', the A/c. for the chawl shows a loss of about Rs. 38,57,987.

(b) *Semi permanent Sheds* : The gross demand in respect of 7,237 rooms in the Semi Permanent Sheds including Labour Camps for the year was Rs. 37,97,972.14 The net demand after excluding the concessional rent and vacancies was Rs. 37,90,978 The revenue actually collected comes to Rs. 22,70,853 which was equivalent to 59.90 per cent. of the total recoverable rent including arrears of Rs. 33,86,900 for the previous year.

The percentage of outgoing in respect of the Chawls and Semi-permanent sheds are shown in Statement on the basis of annual rental of Rs. 118,35,346 for chawls and Rs. 33,86,900 for semi-permanent sheds, total outgoing being 106.10 per cent. and 115.94 per cent. respectively.

Amounts transferred to Rent Equalisation Fund and Amenity Fund were Rs. 1,78,178 and Rs. 59,591 respectively. The difference between the standard rents works out on 5 per cent. of the cost of land and 10 per cent. on the cost of construction of post-war residential tenements and subsidised rents actually charged are to be met from the Rent Equalisation Fund.

Revenue collected from tenements constructed for slum clearance was Rs. 37,10,293 against the demand of Rs. 94,71,675 inclusive of arrears.

Acquired properties: At the commencement of the year there were 449 acquired or surrendered buildings in charge of this department containing 6479 tenancies. At the close of the year, corresponding figures were 449 Buildings and 6479 Tenement.

The gross demand of 6479 tenements in the acquired and re-entered buildings was Rs. 21,12,942. After excluding the amount for concession in rent and vacancies the net demand for the year was Rs. 21,12,942.

The revenue collected amount to Rs. 17,68,904 which was equal to 45.26 per cent. of the total recoverable amount including arrears of Rs. 39,07,765 for the previous year.

Summary of revenue: The total collection of revenue from lease hold plots and rent and ground rent from Building, Vacant land tenancies and slum clearance properties are shown in Statement 'D'.

Requisitioned Buildings: The management and collection of rent in respect of 17 properties, having 386 tenancies requisitioned from private landlords for A. R. P. purposes were continued to be looked after by this department. The demand inclusive of arrears in respect of these tenancies for the year was Rs. 1,74,471 and the recovery was Rs. 74,502 which was equal to 42.70 per cent. of the total recoverable amount.

During the year under review, the demand and recovery of taxes aggregated to Rs. 4,61,859.87 and Rs. 11,096.74 respectively. The arrears due for collection at the close of the year stood at Rs. 4,50,763.

B—Municipal Section

Details of the total collection of revenue from Municipal properties under Budget 'A' are shown in Statement 'D'.

Tenements constructed under Budget 'A' for Municipal General Staff are shown in Statement 'H'.

"A" Statement showing the total area of Developed Land.

| | Change in | As at the beginning of 1982-83 | As at the end of 1982-83 |
|--|-----------|-----------------------------------|-----------------------------|
| Area permanently leased | ... | 6441.60 | 6441.60 |
| Area of trust ohawls sites | ... | 158.86 | 158.86 |
| Area sold | ... | 7.53 | 7.53 |
| Area reserved for a Municipal Market | ... | 0.97 | 0.97 |
| | Total | 6608.96 | 6608.96 |
| Rent of permanently leased area in rupees (in thousands) | | 13,711.45 | 13,711.45 |

"B" Statement of permissions granted in respect of leased plots for 1982-83.

| Description | No. of proposals | Premium | Ground rent |
|--|---------------------|-----------------------------|-----------------------------|
| | | Rs. | Rs. |
| Motor Garages | 42 | 2,727.00 | 24,794.01 P.A. |
| Additional floors | 133 | 17,515.00 | 5,70,919.99 P.A. |
| Change of users and Misc. proposals such as encroachments, Basement floors, Canopies, temporary structures, Gallery Projections, Rewas Projections, Ota Projections, Lofts and Mezzanine floors etc. | 59 | 7,985.50 | 56,174.65 P.A. |
| Fines | ... | ... | ... |
| Transfer fees | ... | ... | 18,000.00 |
| Developed Land | | Sq. Meters in thousands. | Sq. Meters in thousands. |

Statement 'C' showing the disposal of Municipal Ex-Trust Plots during the year 1982-83.

| Land/Estate | Plot No. 3 & C.S. No. | Area in Sq. Mts. | Capital | Annual |
|---|--------------------------------------|---------------------|--------------|--------------|
| | | | value. | Ground Rent. |
| | | | Rs. | P.c. |
| Ex-Trust | | | | |
| (1) A plot of land bearing C. S. No. 1463 (part) of Mahim to Mrudungacharya N. Koli Rahiwasi Sangh. | C. S. No. 1463 (Part) of Mahim. | 4301.37 | 9,24,794.55 | 92,479.45 |
| (2) Site-I, Scheme 52, Worli Estate and Coast Guard Region (West). | Site-I at Worli. | 8093.74 | 4,45,155.00 | 4,45,155.50 |
| Total : | 2 | 12395.11 | 53,76,349.55 | 5,37,634.95 |
| Municipal | | | | |
| (1) Cama Industrial Estate | Y-3 | 259.11 | 90,688.50 | 9069.00 |
| (2) Borla Govandi Estate. | Land bearing S. No. 3940 (Parts) | 2344.58 | 1,87,566.40 | 18,757.00 |
| (3) Village Ghatla Chembur Estate. | Land bearing S. No. 2, 3, & 5 (part) | 3336.29 | 4,60,448.00 | 46,045.00 |
| Total Municipal | 3 | 5939.98 | 7,38,702.90 | 73,871.00 |
| Total : (Municipal Ex. Trust) | 5 | 18335.09 | 61,15,052.25 | 61,505.95 |

'D' Summary of Revenue of Properties for the year 1982-83.

(000 omitted)

| Particulars. | Properties under 'B' Budget | | | Property of 'B' Budget under | | | Properties under 'A' Budget | | |
|--|-----------------------------|-----------------|--------|------------------------------|---------|--------|-----------------------------|----------------|--------|
| | Per- manent | Tempo- rary. | Total. | Slum Clearance. | | | Per- manent | Tempo- rary | Total. |
| | | | | City | Suburbs | Total | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Demand for the years. | 65,71 | 100,94 | 166,65 | 29,64 | 14,84 | 44,48 | 491 | 74,25 | 79,16 |
| Arrears. as on 1-4-83 | 91,06 | 100,87 | 191,93 | 32,79 | 24,82 | 57,61 | 231 | 84,15 | 86,46 |
| Totals | 156,77 | 201,81 | 358,58 | 62,43 | 39,66 | 102,09 | 722 | 158,40 | 165,62 |
| Amount collected. | 65,42 | 106,16 | 171,58 | 25,17 | 11,93 | 37,10 | 426 | 63,64 | 67,90 |
| Variation in Demand for the previous year. | + 212 | + 210 | + 422 | + 37 | + 26 | + 63 | + 5 | + 102 | + 107 |
| Carried out during the year. | .. | - 884 | - 884 | - 5 | - 6 | - 11 | .. | 87 | 87 |
| Amount written off | .. | - | - | .. | .. | .. | .. | .. | .. |
| Arrears as on 1-4-83 | 93,48 | 1,00,87 | 194,35 | 32,79 | 24,82 | 57,61 | 301 | 84,15 | 87,16 |
| Arrears as on 1-4-82 | 91,06 | 112,82 | 203,88 | 24,65 | 19,49 | 44,14 | 75,70 | 73,39 | 149,09 |
| Arrears as on 1-4-81 | 81,93 | 118,11 | 200,03 | 22,31 | 15,49 | 37,80 | 62,20 | 60,69 | 122,89 |

"E" Statement of tenements constructed for Slum clearance Scheme (City and Suburbs)

| Serial No. | Locality. | Year of Construction | No. of structures | Number of Tenements | | Subsidised rents Charged | Standardised Rent | |
|---------------------------------|---|----------------------|-------------------|---------------------|---------------|--------------------------|-----------------------------|--------------|
| | | | | Residential | Shops Godowns | | Rs. P. | Rs. P. |
| Municipal Scheme :- | | | | | 3 | | | |
| 1 | Palton Road Chawl No. 4 | 1956 | 1 | 8 | 20 | 34.30 | 50.43 | 105.85 |
| 2 | Haines Road Transit Camp | 1957 | 19 | 137+9 | ... | 26.98 | 32.05 | 40.08 |
| 3 | Tank Pakhadi Transit Camp | 1958 | 27 | 254 | ... | 26.98 | ... | ... |
| 4 | Dharavi | 1959 | 5 | 120 | ... | 31.95 | ... | ... |
| 5 | Shopping Block at Haines Road | 1960 | 1 | ... | 4 | ... | 22.69 | 63.20 |
| 6 | Do. Do. Milk Street | 1962 | 1 | ... | 17 | 16.48 | 73.64 | 92.05 |
| 7 | Shopping Block at Tulsiwadi | | | | | | | 30.91 |
| | Body-Guard line | 1963 | 1 | ... | 15 | 32.27 | 31.92 | |
| 8 | Shopping Blocks at Water St. | 1963 | 1 | 112 | 10 | ... | Varying from 35.15 to 43.94 | |
| Government Aided Schemes | | | | | | | | |
| 1 | Haines Road | 1959 | 7 | 112 | ... | 32.05 | 62.52 | |
| 2 | Haines Road | 1959 | 5 | 80 | ... | 32.05 | | |
| 3 | Sukhalaji Street | 1960 | 1 | 76 | ... | 42.29 | | |
| 4 | Sion Scheme 6 | 1960 | 1 | 40 | ... | 31.50 | | |
| 5 | Body Guard Lines | 1960 | 6 | 96 | ... | 31.49 | 52.23 | 51.32 |
| 6 | Dharavi | 1961 | 5 | 168 | ... | 31.50 | | |
| 7 | Foras Road | 1961 | 1 | 42 | 13 | 31.49 | | |
| 8 | Rawli Camp | 1961 | 18 | 288 | ... | 31.50 | 80.55 | |
| 9 | Bane Compound Arthur Road | 1961 | 6 | 208 | ... | 31.49 | 57.03 | |
| 10 | Water Street, Byculla | 1961 | 7 | 112 | ... | 34.26 | | |
| | | 1962 | 2 | 32 | ... | 32.05 | | |
| 11 | Haines Road | 1961 | 2 | 80 | ... | 32.05 | | |
| 12 | Sion Scheme 6 | 1962 | 2 | 80 | ... | 31.50 | | |
| 13 | Body Guard Lines | 1962 | 8 | 128 | ... | 32.48 | | |
| 14 | Bapty Road | 1963 | 1 | 40 | ... | 34.24 | 75.40 | |
| 15 | Haines Road | 1963 | 6 | 96 | ... | 34.26 | 70.85 | |
| 16 | Rawli Camp | 1964 | 14 | 224 | ... | 33.64 | | |
| | | | | | 11 | 73.16 | 136.40 | |
| 17 | Sion Village Blk E | 1964 | 1 | 24 | ... | 34.07 | 69.66 | |
| 18 | Kamathipura C Bk Bapty Rd. | 1964 | 1 | 22 | ... | 34.24 | 26.98 | 66.67 |
| 19 | Do. Bapty Rd. 'A' Block | 1964 | 1 | 26 | 11 | 28.81 | 87.25 | 87.25 |
| | | | | | | 34.21 | 87.25 | 89.91 |
| 20 | Kamathipura M.I. Area stable street | 1965 | 1 | 41 | 11 | 34.26 | 89.91 | 96.28 |
| 21 | 60 t. Falkland Road | 1966 | 1 | 60 | ... | | | |
| | 8th X Lane | 1966 | 1 | 60 | ... | | | |
| 22 | 60 t. Hains Road | 1966 | 3 | 60 | ... | 41.61 | 25.98 | 194.81 |
| 23 | Rawli Camp | 1967 | 6 | 240 | ... | 42.38 | 69.45 | 73.49 |
| 24 | Rawli Camp | 1969 | 5 | 132 | 8 | 42.68 | 61.00 | 61.00 |
| 25 | Rawli Camp near Koliwada level crossing Opp. S. S. S. Nagar | 1969 | 1 | 32 | 10 | 42.68 | 61.00 | 147.00 |
| | | | | | | | shops 153.00 | shops 149.00 |
| 26 | Kamathipura M.I. area stable street | 1970 | 1 | 45 | 12 | 56.44 | 63.00 | 75.00 |
| | | | | | | | 145.00 | 149.00 |
| 27 | 30 Tenements Peru chawl | 1970 | 1 | 30 | ... | 39.39 | 77.82 | |
| 28 | Lalbaug Gas Work Lane | 1971 | 3 | 60 | ... | 40.77 | 81.70 | |
| 29 | 60 t. Rawli Camp | 1972 | 2 | 44 | ... | ... | 100.06 | |
| 30 | Rawli camp BKE 3 & A. 7 | 1973 | ... | 230 | ... | ... | 105.00 | 252.00 |
| 31 | 230 T and 20 shops Rowli Camp. | 1961 | 16 | 396 | ... | 31.51 | 52.00 | 57.00 |
| 32 | Vikroli | 1963 | 12 | 348 | ... | 31.51 | 57.00 | 55.50 |
| 33 | Do. | 1964 | 17 | 217 | ... | 34.55 | 55.50 | 64.12 |
| 34 | Kherwadi Bandra | | | | | | | |
| 35 | Tenements along Eastern Express Highway Ghatkopar | 1965 | 108 | 1004 | ... | ... | ... | ... |
| 36 | 60 t. at Bombay Agra Road | 1966 | 3 | 60 | ... | ... | ... | ... |
| | Ghatkopar | 1966 | 20 | 320 | ... | 34.55 | 64.12 | |
| 37 | 320 t. at Santacruz | 1973 | 10 | 200 | ... | ... | ... | ... |
| 38 | 200 t. at Match Factory Kurla | 1974 | ... | 40 | ... | 55.00 | 117.00 | |
| 39 | 40 t. at Sion Village | 1972 | ... | 108 | 12 | 39.92 | 170.73 | |
| 40 | Rawli Camp | 1976 | ... | 20 | ... | ... | ... | ... |
| 41 | 20 Tenements at Peru Chawl | | | | | | | |
| 42 | 180 Tenements Match Factory Lane, Kurla. | .. | .. | 180 | .. | 80 | 160 | |
| 43 | 120 Tenements Sion Bhandarwada, Sion. | .. | .. | 120 | .. | 50 | 122 | |
| 44 | 100 Tenements Match Factory Lane, Kurla. | .. | .. | 100 | .. | 100 | 1,99.72 | |
| 45 | 169 Tenements at Kamathipura Existing. | .. | .. | 169 | 13 | | 160 | |

" F " *Statement of percentages of outgoings in respect of Chawls and S. P. Sheds.*

| Particulars | Permanent Chawls | | Permanent ground floors rooms | |
|---|------------------|---------|-------------------------------|---------|
| | 1981-82 | 1982-83 | 1981-82 | 1982-83 |
| Sanitary Staff and Pumpmen ... | 10.41 | 19.92 | 39.53 | 47.90 |
| Cost of Management and Establishment ... | 7.50 | 7.50 | 7.50 | 7.50 |
| Municipal Rates and Taxes ... | 18.27 | 19.11 | 45.07 | 51.44 |
| Repairs and Maintenance including lighting, vacancies ... | 50.56 | 59.57 | 9.64 | 9.10 |
| Total ... | 86.74 | 96.90 | 101.74 | 115.94 |

'G' Statement

Particulars of Municipal (Improvements) Chawls Cost

| Serial No. | Name of the Chawl | Year in which the site of chawls appropriated of construction of Chawls | Total area of chawls sq. Metres | Rate per sq. yd. as in the year given in column 3 | Value of the site Cols. 4 & 5 | Construc-tional cost of the Chawls including 1/2 per cent. or manage-ment and establish-ment | Cost of work value of the land manage-ment and establish-ment charges columns 6 and 7 | Interest and Sinking Fund charges on capital outlay at 4 1/2 per cent. on column 8 upto 1919 and there after at 6 3/4 per cent. |
|------------|--|---|---------------------------------|---|-------------------------------|--|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | Sq. Metre | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1 | 1-4 Agripada A Chawls | 1900 | 6091.21 | 8 | 50,995 | 1,85,505 | 2,36,500 | 10,903 |
| 2 | 5-16 Agripada B Chawls | 1903 | 9970.85 | 6 | 71,550 | 5,41,639 | 6,13,189 | 28,269 |
| 3 | 31-32 } 38-40 } Agripada C Chawl | 1903 | 5226.65 | 6 | 37,506 | 2,79,182 | 3,16,688 | 14,599 |
| 4 | 45-46 } 19-24 Chandanwadi Chawls | 1904 | 8080.36 | 16 | 1,44,960 | 3,76,915 | 5,21,875 | 24,059 |
| 5 | 26-27 Imamwada A Chawls | 1905 | 11239.26 | 13.8 | 1,81,467 | 4,98,562 | 6,80,029 | 37,349 |
| | 29 30 & 31 } 30 Imamwada B Chawl | 1905 | 793.49 | 13.8 | 12,811 | 19,368 | 32,179 | 1,483 |
| 7 | 33-37 Mandvi-Koliwada Chawls | 1908 | 3485.83 | 75 | 3,12,675 | 2,76,040 | 5,88,715 | 27,140 |
| | 52 Workmens Cottage, Matunga | 1905 | 789.31 | 5 | 4,720 | 12,083 | 16,803 | 774 |
| 9 | 17-18, Nagpada C Chawls | 1903 | 2148.02 | 7 | 17,983 | 82,358 | 1,00,341 | 4,676 |
| 10 | 39, Nagpada A Chawl | 1904 | 1755.04 | 7 | 14,693 | 99,776 | 1,14,469 | 5,277 |
| 11 | 28, Princess Street Chawls | 1907 | 1237.47 | 30 | 44,400 | 42,417 | 86,812 | 4,002 |
| 12 | 42-44 } 47-49 } Suparibaug Chawls | 1910 | 6756.77 | 48 | 36,364 | 3,39,878 | 3,76,242 | 17,345 |
| 13 | 52-57, Chinch Bunder Chawls | 1913 | 7108.76 | 26.66(d) | 2,26,560(a) | 6,79,622 | 6,06,182 | 27,945 |
| 14 | 86-95 Cottage Blocks (Old) | 1920 | 2324.44 | 10 | 27,800 | 36,069 | 68,869 | 4,056 |
| 15 | 58-61, Clerk Road Chawls | 1921 | 3495.86 | 15 | 62,715 | 4,39,814 | 5,02,529 | 51,911 |
| 16 | 62 Paise Street Chawls | 1921 | 2858.73 | 15 | 51,285 | 1,70,863 | 2,22,145 | 14,106 |
| 17 | 63-66, Mominpura Chawl (Old) | 1921 | 6488.37 | 15 | 1,16,400 | 4,31,655 | 5,48,055 | 34,801 |
| 18 | 67-72, Three room tenements Scheme 5 | 1922 | 4689.85 | 6 | 33,654 | 2,64,717 | 2,98,371 | 18,946 |
| 19 | 73-78 Two room tenements, Scheme 6 | 1922 | 3540.17 | 6 | 25,404 | 2,91,972 | 3,17,376 | 20,153 |
| 20 | 79-85 Cottage Blocks (New) | 1922 | 6528.50 | 6 | 46,848 | 69,312 | 11,660 | 7,376 |
| 21 | Blocks 1-19 Bellasis Road Chawls | 1922 | 29853.19 | 19 | 6,78,376 | 25,75,065 | 32,52,441 | 2,66,594 |
| 22 | 1-16 Mazgaon Chawls | 1922 | 24315.50 | 10 | 2,90,810 | 21,77,079 | 24,67,889 | 1,56,711 |
| 23 | 1 Mominpura Chawls (New) | 1923 | 3270.10 | 20 | 78,220 | 3,14,276 | 3,92,496 | 24,923 |
| 24 | 1-23, Love Lane Chawls | 1925 | 11176.50 | 188 | 2,47,289 | 11,36,407 | 13,83,696 | 87,865 |
| 25 | 1-10 Sydenham Road Chawls | 1925 | 10698.28 | 16 | 2,04,720 | 7,78,071 | 9,82,791 | 62,407 |
| 26 | 1-2 Paltan Road Chawls | 1946 | 2721.60 | 25 | 85,373 | 2,32,503 | 3,13,878 | 19,93 |
| 27 | 2 Paltan Road Chawls | 1952 | 9551.85 | 50 | 92,777 | 3,48,544 | 4,41,321 | 28,024 |
| 28 | A-J Sewri Chawls | 1956 | 5554.41 | 25 | 1,66,075 | 5,06,514 | 6,72,589 | 28,120 |
| 29 | Naigaon Chawls | 1957 | 3362.08 | 4 | 1,60,840 | 5,59,481 | 7,20,321 | 29,110 |
| 30 | Sion Chawl | 1958 | 927.27 | 4 | 44,360 | 1,40,842 | 1,85,202 | 7,997 |
| 31 | Wadala Chawls 112 Tenements | 1959 | 2897.19 | 40 | 1,38,640 | 6,27,259 | 7,65,899 | 32,474 |
| 32 | Wadala Chawls 272 | 1960 | 10068.68 | 40 | 4,81,680 | 15,55,841 | 20,37,521 | 86,391 |
| 33 | Wadala Crawls 144 | 1961 | 6765.13 | | 4,04,550 | 8, 2,806 | 12,97,356 | 55,008 |
| 34 | Wadala Chawls 160 | 1961 | 6212.45 | 50 | 3,71,600 | 10,13,999 | 13,86,499 | 58,745 |
| 35 | Wadala Chawls 224 | 1961 | 7836.21 | 50 | 4,68,600 | 14,87,658 | 19,56,258 | 82,945 |
| 36 | 60 T. Morbag | 1963 | | | | | | |
| 37 | Tenements at 144 S.G. Marg | 1968 | | | | | | |
| 38 | Jasmiene Mills Rajeshtri Shahu Nagar | 1967 | | | | | | |
| 39 | 10 Steps 40 R. Sion Koliwada | | | | | | | |
| 40 | Deonar New Colony | 1967 | | | | | | |
| 41 | 36 T. Worli | 1969 | | | | | | |
| 42 | 144 Tenements at Deonar | 1975 | | | | | | |
| 43 | 252 Tenements at Deonar | 1975 | | | | | | |
| 44 | 105 Tenements and 13 shops on Plot No. 107, Worli | 1976 | | | | | | |
| 45 | 40 Tenements at Chowney Gully | 1976 | | | | | | |
| 46 | 28 Tenements at Abdul Gaffar Khan Road | 1970 | | | | | | |
| 47 | 130 Tenements at Worli for Municipal Staff & Councillors | 1971 | | | | | | |
| 48 | 240 Tenements at Haji Ali | 1975 | | | | | | |
| 49 | 50 Tenements Sakhar Nagar, Wadala. | 1977 | | | | | | |
| 50 | 105 Tenements and 13 shops Worli... | 1977 | | | | | | |
| 51 | 324 T/s. Powell's Lane Kandivli. | 1979 | | | | | | |
| 52 | 40 Tenements M.P. Mill Compound. | 1979 | | | | | | |
| 53 | 405 Tenements at Ghatla. | 1977 | | | | | | |
| 54 | 40 Tenements D. G. Mahajani Path Sewri. | 1979 | | | | | | |
| 55 | 300 Tenements at Deonar. | 1977 | | | | | | |
| 56 | 396 Tenements at Deonar. | 1973 | | | | | | |
| 57 | 50 Tenements Bhoiwada Village. | 1977 | | | | | | |
| 58 | 130 Tenements Barve Nagar. | 1981 | | | | | | |
| 59 | 59 Tenements, Mamala Tank. | 1981 | | | | | | |
| 60 | 20 Tenements at Peru Chawl. | 1975 | | | | | | |
| 61 | 99 Tenements at Morbag. | 1978-79 | | | | | | |
| 62 | 28 Tenements at Senapati Bapat Marg | 1979 | | | | | | |
| 63 | 82 Tenements at Dharavi. | 1980 | | | | | | |
| 64 | 50 Tenements at Ganjwal Chawl. | 1982 | | | | | | |
| Total .. | | | 2,65,288 | | 54,30,602 | 91,81,087,246,14,689 | 12,96,415 | |

(a) Rs. 8-0-0 for 8 larger rooms (double) rooms having partition inside.
 (b) Represents loans.
 (c) The figure represents the value of Rs. 40 per sq. ft. of the site situated between the 25 road and the Railway and measuring 5.666 sq. yds. figs arrived at by dividing By 8.496 yds. percent.

A—Includes rooms ren. free nil Sweepers.
 B—Rooms used for Office and Stores.
 C—do. temporarily occupied by Schools.
 E—do. do. do. Shops.
 F—do. do. do. Gymnasium.
 G—do. do. do. Godowns.

| Gross annual rent. | Annual profit + or loss—i.e. 86.02 per cent. of column 10-9. | Percentage of rate annual return* of 86.02 col. (10) of capital cost (col. 8) | Total Number or rooms. | Number of floors including ground floor. | Floor area of tenements including Verandah. | Rent per room as on 31-3-1962 inclusive of increase in taxes. | Economic rent exclusive of increase in taxes. | Number of rooms living purposes. | Number of rooms let of Shans, Godowns, or Municipal purposes. |
|--------------------|--|---|------------------------|--|---|---|---|----------------------------------|---|
| (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| Rs | Rs. | | | | Sq. ft. | Rs. P. | | | |
| 47,764 | 7,989 | 1.23 | 312 | 3 | 175 | 7.49 | 8 14 0 | 276 | 1-B 5-D |
| 66,734 | 24,198 | 0.66 | 658 (Verhandahl) | 4 | 110} | 10.40 | | 926 | & 50-E |
| 1,20,722 | 7,235 | 2.33 | 258 | 4 | 142} | 6.45 | 7 10 0 | 414 | 20-E |
| 4,07,453 | 17,505 | 1.26 | 433 | 4 | 177} | 7.75 | 8 1 0 | 633 | 18-E, |
| | | | 857 | 4 | 125 | 7.49 | 8 12 0 | 846 | 1-F, |
| | | | | 4 | 135} | 9.36 | 10 6 0 | | 2-D, 9-E |
| 1,26,723 | 31,102 | 1.09 | 30 | 4 | 160 | 8.95 | 9-13, 10-1 | 30 | 2-B, 4-C |
| 1,13,386 | 20,223 | 1.17 | 278 | 4 | 176 | 11.93 | 10-5 | 222 | & 5-D |
| 2,083 | 647 | 0.76 | 15 | 1 | 120 | 8.31 | Rs. 9-13 | | .. |
| 20,204 | 3,444 | 1.23 | 144 | 4 | 148 | 9.96 | 10-1, 10-5 | | .. |
| 21,813 | 3,946 | 1.16 | 144 | 4 | 160 | 8.31 | 17 5 0 | | 308-E, 26-G |
| 10,443 | 3,365 | 0.74 | 64 | 4 | 136 | 9.96 | | | .. |
| 65,736 | 13,335 | 1.07 | 481 | 4 | 176 | 10.83 | 12 7 0 | | .. |
| 1,00,350 | 21,824 | 1.01 | 405 | 2 | 176 | 9.36 | 9 10 0 | | .. |
| 5,382 | 3,728 | 0.51 | 14 | 1 | 275 | 11.24 | 9 0 0 | | .. |
| 55,440 | 48,530 | 0.67 | 325 | 4 | 176 | 8.64 | 14 2 0 | | .. |
| 23,898 | 12,648 | 0.66 | 134 | 4 | 175 | 10.35 | 9 4 0 | | 1-B, |
| 48,346 | 31,852 | 0.54 | 246 (b) 160 | 4 | 175 | 7.76 | 13 6 0 | | 1-F, |
| 28,864 | 17,186 | 0.59 | 36 | 4 | 562} | 9.30 | 38 0 0 | | 33-C |
| 9,717 | 19,560 | 0.19 | 72 | 3 | 338} | 8.36 | 13 12 0 | | .. |
| 4,698 | 7,089 | 2.46 | 10 | 3 | 325} | 10.09 | 15 13 0 | | .. |
| 2,74,566 | 2,49,845 | 0.51 | 1,549 | 3 | 176 | 24.81 | 13 8 0 | | .. |
| 2,09,478 | 1,43,933 | 0.52 | 1,385 | 3 | 176 | 28.80 | 17-1, 17-9. | | .. |
| 82,110 | 19,915 | 1.28 | 234 | 3 | 3} | 9.62 | 13 12 0 | | 4-E |
| 1,53,598 | 78,495 | 0.68 | .. | .. | 176} | 10.66 | 15 13 0 | | 1-F |
| 1,02,375 | 56,162 | 0.64 | 821 | 4 | 176 | 12.82 | 15 13 0 | | 3-E |
| | | | 391 | 4 | 176} | 9.36 | 13 8 0 | | .. |
| | | | 156 | 4 | 328} | 10.69 | 17-1, 17-9. | | .. |
| 86,943 | 42,651 | 0.70 | 156 | 4 | 180} | 11.24 | Rs. 15-7. | | .. |
| 69,798 | 23,862 | 0.63 | 86 | 4 | 180} | 12.38 | 32,33,35 | | .. |
| 44,576 | 26,391 | 0.38 | 194 | 2 | 180} | 26.74 | R. 15-7 | | .. |
| 10,343 | 7,366 | 0.34 | 120 | 4 | 190} | 10.38 | Rs. 16, 16-8 | | .. |
| 72,091 | 28,076 | 0.57 | 24 | 4 | 237} | 11.09 | Rs. 35 | | .. |
| 1,60,831 | 49,602 | 0.42 | 112 | 4 | 273} | 26.03 | Rs. 35 | | .. |
| 88,620 | 53,276 | 0.39 | 272 | 4 | ..} | 27.06 | Rs. 36-10 | | .. |
| 89,663 | 76,043 | 0.35 | 144 | 4 | ..} | 22.91 | Rs. 4 | | .. |
| 1,13,145 | .. | .. | 224 | 4 | ..} | 24.20 | .. | | .. |
| | | | 60 | 4 | ..} | 21.86 | .. | | .. |
| | | | 60 | 4 | ..} | 29.43 | .. | | .. |
| | | | 60 | 4 | ..} | 50.33 | .. | | .. |
| | | | 60 | 4 | ..} | 31.50 | .. | | .. |
| | | | 60 | 4 | ..} | 47.00 | .. | | .. |
| | | | 60 | 4 | ..} | 64.00 | .. | | .. |
| | | | 60 | 4 | ..} | 66.50 | .. | | .. |
| | | | 60 | 4 | ..} | 67.50 | .. | | .. |
| | | | 60 | 4 | ..} | 07.00 | .. | | .. |
| | | | 150 | | | | | | |
| | | | 1040 | | | | | | |
| | | | 50 | .. | .. | | | 40 | 40 10E |
| | | | 502 | .. | .. | | | 578 | 311 IC |
| | | | 3c | | | | | | |

* 5-B, 61-C 25-D, 110-E, 4-F 72-G.

REMARKS
 1 Bldg. on ownership "D" type
 A Type 3 Bldg. Ownership
 B Type 2 Bldg. Ownership
 C Type 3 Bldg. for sale
 2 Bldgs. Ownership
 2 Bldgs. Nair Hospital
 1 Hostel
 1 for sale

"H" Statement of Tenements constructed from Budget 'A' for Municipal General Staff :-

| Serial No. | Locality | Year of construction | No. of structures | No. of tenements | Subsidised Rent | | Standard Rent |
|------------|---|----------------------|-------------------|------------------|---|---------|--------------------------------------|
| | | | | | Maximum | Minimum | |
| | | | | | Rs. | Rs. | Rs. |
| | | | | | (Subsidised rent at Rs. 12 per 100 Sq. ft.) | | |
| 1 | Cildar Lane Tenements, | 1958 | 4 | 144 (64)* | 62.52 39.85 | | 103.30 71.93 |
| 2 | Elphinstone Road | ... 1958 | 3 | 72 | 28.33 | 20.69 | 45.89 |
| 3 | Surya Cinema Tenements Naigaum | 1958 | 2 | 48 | 28.33 | 20.69 | 45.15 |
| 4 | Chinchpokli Tenements Arthur Road. | 1959 | 2 | 32 | 34.21 33.05 37.28 35.05 | 29.41 | 59.39 |
| 5 | Maratha Hospital Compound, Byculla. | 1959 | 4 | 64 | 38.17 40.17 | | 57.67 |
| 6 | Worli Tenements Dr. Annie Bessant Road. | 1961 | 7 | 112 | 36.91 36.25 37.08 37.77 | 29.41 | 71.82 75.69 77.44 |
| 7 | 49 tenements Maratha Hospital Compound. | 1965 | 2 | 40 | 36.11 35.65 37.12 38.08 | ... | 79.88 78.84 82.12 84.20 |
| 8 | Maratha Hospital Compound, Byculla. | 1962 | 2 | 16 8@ | 45.22 41.81 74.75 | ... | 77.19 77.16 125.04 |
| 9 | 88 tenements near Wadala Railway Station. | 1966 | 3 | 88 22 | ... | 24.17 | 61.35 |
| | | | | | | | (for Rooms) 146.41 (for Shops) |
| SUBURBS | | | | | | | |
| 1 | Khar Tenements Hasnabad Lane | 1961 | 5 | 60 | 44.02 | 40.63 | 76.22 |
| 2 | 18 tenements at Khar | ... 1968 | ... | 18 | 89.47 | 43.13 | ... |
| 3 | Tata Compound Andheri | ... 1970 | 3 | 80 | ... | ... | 93.00 |

* Three room tenements. Rest are two rooms tenements. @ Four room tenements.

'J'—Comparative statement of demand, collection, etc. in respect of permanently leased plots.

| Particulars. | 1980 | 1981 | 1982 | 1983 |
|---|--------|--------|--------|--------|
| (1) Number of Tenancies | 4393 | 4398 | 4404 | 4409 |
| (2) Balance of arrears in lacs of rupees.... | 69.70 | 80.86 | 88.19 | 95.55 |
| (3) Demand for the year in lacs of rupees.... | 63.56 | 69.19 | 69.03 | 70.63 |
| (4) Total demand including arrears in lacs of rupees. | 129.36 | 147.06 | 157.23 | 166.18 |
| (5) Amount collected in lacs of rupees. | 59.65 | 60.61 | 63.85 | 69.58 |
| (6) Percentage of collection to the demand including arrears. | 46.11 | 41.21 | 40.61 | 41.93 |
| (7) Percentage of collection to the demand for the year. | 93.85 | 87.60 | 92.50 | 98.65 |
| (8) Percentage of arrears to amount for collection. | 53.88 | 54.98 | 56.09 | 57.51 |

BOMBAY FIRE BRIGADE

Salient Features :

During the year under Report (1982-83) Shri L.S.D. Mehervanji, Chief Fire Officer was in-charge of the department till 31st January 1983 and retired on superannuation from 1st February 1983. Shri V.B. Nikam, Chief Fire Officer, took over the charge of the department from 1st February 1983.

Expenditure :—

Income:

Number of Fire Stations : 19.

Emergency Calls attended by the Brigade during the year :

| | | |
|----------------------------|------------------------|--------------------|
| Fires : 3,031; | House Collapses : 420; | Rescue Calls : 533 |
| Other Service Calls : 958; | False Calls : 117; | Total : 5,059. |

Ambulance Calls attended :

| | | |
|------------------|------------------------|----------------------------|
| Accidents : 752; | Maternity : 105; | Free for Brigade Staff : 5 |
| Hire : 1,138; | Free Poor Cases : Nil. | Total : 2,000. |

Fire Prevention Work :

Premises inspected for rendering advice on Fire Protection and Fire Prevention Measures : 9,158.

New Equipment Purchased :

| | | |
|--|----|-----------|
| Turn Table Ladder, Model DL 37 (Reach 37 mtrs.) | — | 2 Units. |
| Turn Table Ladder, Model DL 50 (Reach 50 Mtrs.) | — | 1 Unit. |
| Fire Engines—Escape units (with Angus 464 Ladders Reach 14.10 Mtrs.) | | 10 Units. |
| Hydraulic Platforms Model SCA 160 (Reach 16 Mtrs.) | — | 4 Units. |
| Ambulances | — | 11 Units. |
| Portable High Pressure Pumps | .. | 4 Units. |
| Protective Clothing for Personnel | .. | 100 Sets. |
| Pneumatic Lifting Bags | .. | 7 Sets. |
| Extension Ladder | .. | 1 No. |

The highlights of the administrative events for the year are as under :—

(1) Income and Expenditure :

The annual receipts by way of fire tax and other receipts aggregated to Rs. 2,45,29,256. The total expenditure including Revenue expenditure and debt charges towards Capital Expenditure amounted to Rs. 2,48,90,501.

(2) Premises :

Fire Stations: The total number of Fire Stations in Greater Bombay remained at 19 only.

Tenders will be invited soon for the construction of III—Phase of the remodelling of the Fire Brigade Head-quarters at Byculla (incorporating Multi-storeyed Drill Tower, Administrative Offices, Control Room, Officers' Quarters, etc.)

Detailed drawings for Phase-IV of the remodelling of Fire Brigade Head-Quarters at Byculla (incorporating work-shop, fire stations, staff quarters, etc.) are ready.

Construction of Marol Fire Station and Suburban Head-Quarters at Marol is nearing completion. Construction of Malad Fire Station at Malad (W) and Remodelling of Memonwada Fire Station are also in progress. Tenders are also being invited for the construction of Fire Station at Bandra (W) and Backbay-Reclamation.

The present Control Room Complex at Byculla, is being shifted to another Building in the same compound to enable the construction of new premises for the establishment of New Control Room Complex for which the project report is ready.

Detailed plans and estimates for the construction of modern multi-storeyed Drill Tower at the Fire Brigade Head-Quarters Byculla are ready. Tenders for construction will be invited soon.

(3) Communications :**(a) Street Fire Alarms**

The total number of street fire alarms installed were 218. Most of these are not operational as the Bombay Telephones are unable to obtain the necessary spares. However, a new system of Street Fire Alarms is being planned as part of the New Control Room and Communication Project.—

(b) Telephones :—

Eight Telephone lines for receiving emergency calls (101—4 Lines and 395991—4 Nos.) two lines for receiving ambulance calls (102) and three lines (376111—2-3) for non-emergency purpose were in operation.

(c) Wireless Communication System :

The wireless network (VHF Radio Telephone Simplex System () with 18 Static Stations and 31* mobile stations continued to be operative during the year.

(4) Appliances and Equipment :

The Brigade has purchased most sophisticated and modern appliances which include two Turn Table Ladders—Model DL-377 one Turn Table Ladder Model DL-50 from West Germany. The Brigade has also purchased four hydraulic platforms—Model SCA 160 (Snorkel type) superstructure of which was imported from U.K. and mounted on Indian Chassis in India. The Brigade has also purchased 100 sets of protective clothing for personnel, manufactured by Messrs. Teled S.A., Switzerland. Besides, the Brigade has also increased the number of High Pressure Pumps by importing four High Pressure Pumps from West Germany and also 7 sets of pneumatic lifting bags were imported from West Germany for carrying out rescue operations smoothly and effectively. The fleet of ambulances was replaced by eleven new ambulances on petrol chassis for better comfort to the casualties during the transportation.

(5) Emergency Calls :

The emergency calls during the year under report were as follows :—

| | | |
|---------------------------|-----------------------|----------------------------|
| Fires : 3,031* | House Collapses : 420 | Rescue Service Calls : 533 |
| Other Service Calls : 958 | False Calls : 171. | |

(* Includes 2 calls to out-side the Municipal Limits).

There were 47 serious fires during the year (*Vide* Appendix—II).

Burn Casualties :

There were a total of 510 casualties due to fire. Out of these 163 succumbed to burn injuries including 91 suicide cases.

Death of Fire Brigade Personnel on duty :

Due to the motor accident, of a Fire Engine on 6th March 1983 at Parel, Shri Dinkar Rajaram Chavan, Driver Operator succumbed to injury in hospital on the same day.

(a) Fire Losses :

The property losses due to fire were estimated at Rs. 7,11,79,728 including the damage of Rs. 5,92,47,682 to the insured property and goods. Total property involved in fires and saved by the Brigade Personal was estimated at Rs. 92,68,09,670.

(b) House Collapses :

There were 420 House Collapse Calls. 33 lives lost and 171 persons were injured in House Collapse incidents. Some major house collapses are mentioned in Appendix III.

(c) Other Servicesi :

There were 958 calls of other services which include leakage of poisonous gases, and noxious fumes, spillage of acids, fallen trees, shock due to electricity, motor vehicle accidents, etc. and total 161 lives lost in such incidents and 196 persons were injured.

(d) Rescue Service :

The Brigade responded 533 calls to various types of rescue work such as persons fallen in wells, drowned in sea, trapped in lift, sewers etc. In all, 171 lives were lost in such incidents and 278 persons were injured, majority of deaths 92 were rescued in drowning incidents. The Brigade also rescued 188 animals and birds.

(6) Water Supply and Sourcesi :

The approximate quantity of water used for extinguishing fires was 94,89,724 litres out of which 92,26,761 litres were drawn from Municipal Mains and rest from sea, wells ponds, etc.

The total number of hydrants in City and Suburbs were 11,652.

Number of other sources of water supply are listed in Appendix-V.

(7) Ambulance Service :

The ambulance service continued to attend to hire calls, maternity calls in addition. to fires, house collapses, street accidents, etc. The details are as follows :—

| | |
|------------------------|----------|
| Accident Calls | : 752 |
| Maternity Calls | : 105 |
| Hire Calls | : 1,138 |
| Free for Brigade Staff | : 5. |
| Free Poor Cases | : Nil. |
| Total | : 2,000. |

In all 1,534 persons were removed in Ambulances and first-aid to the injured was rendered on 344 occasions. The total receipts during the year on account of hire cases amounts of hire cases amounts to Rs. 19,713.

(8) Fire Prevention Cases :-

| Year | Total Cases received | Total Cases Disposed |
|---------|----------------------|----------------------|
| 1981-82 | 10,046 | 9,556 |
| 1982-83 | 9,959 | 9,158 |

The cases received in the year 1982-83.

| Types of Cases | No. of Cases |
|--|--------------|
| (1) References from licence, factory and Health Department of the Corporation. | 7,650 |
| (2) Places of Public Entertainment and Building N.O.Cs. | 758 |
| (3) Reference from Commissioner of Police, Controller of Explosives and Controller of Drugs. | 352 |
| (4) Complaints | 889 |
| (5) High Rise Buildings | 310 |
| Total | 9,959 |

Note :

In order to make fire prevention an effective part of fire protection activities of the Brigade, the following decisions have been taken :—

(1) Schedule 'M' of the Bombay Municipal Corporation Act is ammended and certain decisions are taekn to prohibit the storages of dangerous and hazardous commodities in congested localities.

(2) Chemical godowns in Wadgadi, Samuel Street, Princess Street, etc. areas are to be shifted to specially built godowns at Wadala.

(3) The trader of transporting of goods are to be shifted to the New Truck Terminal at Wadala which is to be developed.

(4) Demonstration, lectures and audiovisual presentations in prominent localities were undertaken by the Brigade during the fire prevention week to increase public awareness about fire hazards.

(9) Deputation of Officers for advanced training :

During the year under report, Sarvashri Subhash P. Dalvi and V.J. Kulkarni, Station Officers were deputed to the National Fire Service College, Nagpur for undergoing Divisional Officer's Course.

(10) Other Activities :

(a) Shri V.B. Niham, Chief Fire Officer, has been appointed/nominated as—

(i) Member on the high level Departmental Committee appointed by the Ministry of Home Affairs, Government of India, to examine various problems confronting all the Fire Services in India.

(ii) Visiting Faculty for various Courses at National Fire Service College and B.E. (Fire Engineering) Course at Nagpur University.

- (iii) Member on the working group of All India Fire Service Professional and Sports Meet.
- (iv) Member on the Fire Research Panel of Fire Research Station of Central Building Research Institute, Roorkee.
- (v) External Examiner for B.E. (Fire Engineering) Course conducted by the Nagpur University.
- (b) Shri D.J. Kulkarni, Divisional Officer, has been appointed as visiting Lecturer for Courses at National Fire Service College, Nagpur.

(c) Professional Interstate Fire Drills Competitions in (i) Fire Trailer Pump Drill; (ii) Extension Ladder Drill with Rescue; (iii) Tactical Medley drill were organised at Nagpur by the National Fire Service College. Two teams of the Brigade participated in all events and won second prize in Fire Trailer Pump Drill and Tactical Medley Drill. They also won the shield for overall best performance.

(d) Annual Fire Drill Competitions :

The Annual Fire Drill Competitions could not be completed and subsequently cancelled due to unavoidable circumstances.

(e) *Sports* : The annual tournaments in various games were conducted and the sports-meet was held as usual during the year. All fire stations showed great-enthusiasm by sending teams and competitors. The function was presided over by the Deputy Municipal Commissioner Shri S. V. Gambhir and prizes were also distributed by him.

(f) *Observance of Fire Services Week* : The Bombay Fire Brigade in coordination with other Fire Services of the city observed the Fire Service Week from 8th April 1982 to 13th April 1982 and Fire Service Day on 14th April 1982.

A number of Fire fighting demonstrations were arranged to make the public fire conscious in various parts of the city.

Radio and Door-darshan programmes were arranged, films were shown, special wall posters, folders and stickers were distributed in schools and various establishments. Lectures were also arranged. Slides in English and Marathi were exhibited on T. V. and in about 60 cinema houses.

(g) *Republic Day* : The contingent of this department consisting of Officers and men and the Band Unit participated in the Republic Day Parade alongwith the Defence and other Services and Organisations,

The Brigade Platoon was declared as the Best amongst all the participating units in the Republic Day Parade.

(h) *Maharashtra Day* : The contingent of this department consisting of Officers and men and the Band Unit participated in the Maharashtra Day Police Parade alongwith the Defence and other Services and organisation. The brigade Platoon was declared as the Best and awarded a prize of Rs. 1,000.

(i) *Awards* : (a) On 15th August 1982 (Independence Day) the award of Fire Services Medal for Meritorious Service to the following personnel of the Brigade was announced.

- (1) Shri Mohmedali Gulamsoddin Sirkhot, Assistant Divisional Officer.
- (2) Shri Pandu Laxman Mhamunkar, Fireman.

On 26th January 1983 (Republic Day) the award of Fire Service Medal for Meritorious Service to the following personnel of the Brigade was announced.

- (1) Shri V. B. WarKhedi, Divisional Officer.

H (2) Shri Dattaram Bhaurao Mhamunkar, Driver Operator.

(b) Scholarship to the children of Brigade employees were awarded as in the previous years. Scholarships ranging from Rs. 15 to Rs. 75 were awarded to 45 school going children of the Brigade employees who passed the Annual Examination with Credit from Std. IV to XII.

(12) Fire Fighting Training to outside candidates :—

(a) Practical training in fire fighting and rescue operations was imparted to the Home Guards of Greater Bombay.

(b) Officers of the Brigade delivered a number of lectures on fire fighting to the Security Guards.

(c) Practical Attachment training to the students of B.E. (Fire Engineering) Course and Sub-Officers Course of the National Fire Services College, Nagpur as per the practice was conducted.

In-service Training : As usual the Driver Operator and Leading Fireman Training Courses were conducted.

APPENDIX II.

Brief details of serious fires during the year 1982-83.

| Serial No. | Date and Time | Place | Business | Extinguished by | Description of Damage | Estimated Loss |
|------------|----------------------|---|--|--|---|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 25-4-82 1329 hrs. | Ghas Bunder, Near Kaula Bunder, New Tank Bunder Road, Sewree. | Grass bales. | Firemen with 17 jets from 8 motor pumps. | About 2,500 dry grass bales in plot No. 1 on an area about 25 m. x 9m. and about 500 dry grass bale in plot No. 2 on an area about 15 m. x 5 m. were severely damaged by fire, heat, smoke and water. | Rs. 1,50,000 |
| 2 | 1-5-82 2045 hrs. | Messrs. Vimtex Prints, Patel Industrial Estate, S. V. Road, Dahisar (E.). | Saree printing and others. | Firemen with three jets from two motor pumps. | Large quantity of Yarn, textiles, colours, dyes, chemicals, printing tables, wooden furniture, office records, files electric wirings, electric appliances, switch board, windows, doors, severely damaged by fire, heat, smoke and water. | 1,75,000 |
| 3 | 14-5-82 2224 hrs. | Roop Milan, 97, Maharshi Karve Road, Edena Bldg. Marine Lines, Bombay. | Sarees, ready made garments and textiles | Firemen with 6 jets from 8 motor pumps. | Large stock of readymade garments, fabrics, sarees, show-case, furniture, air condition machine, models, electric installations, false ceiling, wooden flooring, door, window, etc. severely damaged by fire, heat smoke and water. | 2,00,000 |
| 4 | 22-5-82 1841 hrs. | Topiwala Bldg., Dr. E. Moses Road, Worli Bombay. | Packing papers & boards Mills. | Firemen with five jets from four motor pumps. | Office furniture, office records, false ceiling, electric installation & fittings, air condition ducting etc. severely damaged by fire, heat, smoke and water. | 1,65,000 |
| 5 | 1-6-82 1327 hrs. | Oricon House, & B'Har govinddas Bldg., 18-20 K. Dubhash Rd., Fort, Bombay. | Private conference hall & other Shops. | Firemen with 9 jets from 8 motor pumps. | The entire top floor of Bhogil Hargovinddas Bldg., having an auditorium with its furniture, decorating panel, electric installation, air conditioners false ceiling doors, windows, etc. and paint work of Coricon Bldg., etc. severely damaged by fire, heat, smoke and water. | 3,67,200 |
| 6 | 4-6-82 1323 hrs. | Premabai Jathabai Dongarshi Chawl, Klasturba Road No. 2 Borivali (E), Bombay. | Paint and other shops. | Firemen with 5 jets from four motor pumps. | Large quantity of food grains, furniture, hessian cloth, paints, soaps, electric wiring, doors, windows, A.C. sheet roof, wooden partition etc. severely damaged by fire, heat, smoke and water. | 2,30,000 |
| 7 | 8-6-82 1612 hrs. | Abbu Bakar Chawl, Dharavi 'X' Road, Klutti Wadi, Dharavi, Bombay. | Saree Printing. | Firemen with 3 jets from four motor pumps | Printing tables, raw materials, sarees, etc. were damaged by fire heat, smoke and water. | 1,27,000 |
| 8 | 12-6-82 0102 hrs. | Maker Tower, 'A' block, Bldg., Cuffe Parade, Colaba, Bombay. | Private. | Firemen with 4 jet from six motor pumps. | False ceiling, furniture, household articles decorative materials, electric installation, plaster work of ceiling and walls were severely damaged by fire, heat, smoke and water | 1,54,000 |
| 9 | 15-6-82 0250 hrs. | Indira Dock, Shed No. 6. | Warehouse. | Firemen with 16 jets from 18 motor pumps and B.P.T. with 3 jet from 3 motor pumps. | Large storage of baled cotton, rags, chemicals, various other storage, doors, windows, roof, electric installation, of three floored stone walled structures etc. severely damaged due to fire, heat, smoke and water. | 1,23,50,000 |
| 10 | 16-6-82 2018 hrs. | Islamia Bldg., Compound, Scarp Jn. of Megraj Sethi Marg & Water Street, Byculla. | Scrap material. | Firemen with 11 jets from 10 motor pumps and by cutting of current. | Large number of hutments, three galas of a ground floored shed over an area of 200' x 100' with scrap material such as timber, wooden planks, rubber, plastic chemicals, empty bottles in gunny bags, household articles, electric installations etc. severely damaged by fire heat, smoke and water. | 3,54,000 |
| 11 | 23-6-82 2125 hrs. | Signal & Telecom Apprentice Hostel, Central Railway Compd., Nesbit Bridge Corner, Sir J. J. Road, Bombay. | Packing & storage. | Firemen by cutting of current & two jets from two motor pumps. | About 1500 gunny bags containing cloth & turmeric powder, wooden furniture, office records, doors, window, and electric installations of the Bldg., were severely damaged due to fire, heat, smoke and water. | 1,25,000 |
| 12 | 23-6-82 2319 hrs. | Khetwadi 10th Lane, Paw-wala Compd., B.E.S.T. Control Receiving Station. | Electric supply. | Firemen with 4 jets from seven motor pumps. | Electric distribution board electric transformer, Control Panel boards, electric wiring, HV. capacitor and reactors, severely damaged by Fire, Heat, Smoke and Water. | 50,40,000 |

APPENDIX—II

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|------------------------|---|---|---|--|-------------|
| | | | | | | Rs. |
| 13 | 25-6-82 1735 hrs. | Menka Bldg., J.P. Road, Versova, Andheri (W). | Private. | Firemen with 2 jets from 4 motor pumps. | Household articles, air condi- tioning machine, electric insta- llation and fixtures, L.P. gas cylinder wooden and steel furni- ture, radio, TV. Set, refrigerator etc. severely damaged by fire, heat, smoke and water. | 1,42,000 |
| 14 | 28-6-82 0500 hrs. | 293, Ibrahm Rahimitulla Road, Near Pydaonie | Wholesaler of footwear. | Firemen with 3 jets from four motor pumps. | Large sock of leather and rubber foot wear, Furniture, wooden loft, electric installation, severely damaged by fire, heat, smoke and water. | 2,25,000 |
| 15 | 20-7-82 1818 hrs. | 125, Mittal Chambers, Nariman Point. | Private | Firemen with six jets from seven motor pumps. | Large stock of finished material, wooden furniture, papers, electric installation, partitions, other com- bustible material, installation etc. severely damaged by fire, heat, smoke and water. | 2,62,500.00 |
| 16 | 6-8-82, 1557 hrs. | Atlas Mill Compound, Matarpakhadi Road. | Warehousing, silk mill, etc. | Firemen with 12 jets from 19 motor pumps. | A large stock of papers card- boards, office documents, T.V. cupboard, telephones, chemicals, finished and semi-finished goods, packing material, lubricating oil, 'V' belts, fan belts, machinery, A.C. machine, etc. severely damag- ed by fire, heat, smoke and water. Part of the five floored building and part of the 2nd floored A. C. roof steel framed, brick walled timber framed building severely damaged due to fire, heat, smoke, water and collapse. | 1,36,36,000 |
| 17 | 13-8-82, | Bharat Petroleum D.B. Patel Marg, Chembur. | Refinery. | Firemen with 7 hydrant lines and Bharat Petroleum personnel with 4 foamlines | Large stock of oil, electric installa- tion, electric motors, machinery, logging of fuel preparation unit, etc. were severely damaged due to fire, heat, smoke and water. | 5,00,000 |
| 18 | 21-8-82, 0622 hrs | 363/65, Maulana Azad Road, Opp. Durgidevi Street, near Two Tanks. | Transport godown, etc. | Firemen with 7 jets from 8 motor pumps. | Large stock of hardware goods, machinery, transport goods, mats coir, brooms and brushes, electric motors, A.C. machine, furniture, books of accounts, etc. severely damaged due to fire, heat, smoke and water. | 3,10,000 |
| 19 | 21-8-82, 1116 hrs. | Meshaco Industres, A/4, Nanddham Industrial Estate, Marol Village. | Mfg. of Petroleum jelly. | Firemen with 4 jets from 3 motor pumps. | Large quantity of petroleum jelly, paraffin wax, mineral oil, micro wax, vessel, electric installation, etc. severely damaged due to fire, heat, smoke and water. | 2,15,000 |
| 20 | 16-9-82, 0629 hrs. | Messrs. Calico Industrial Engineers, 20-A, Caakata, Andheri (East). | Mfg. textile machinery. | Firemen with 3 jets from 4 motor pumps. | Stock of electric instruments, con- trol panel electric motors rubber sleeves, rubber components, ball bearings, paint, varnish hydraulic and pneumatic components, air conditioning machine etc. severely damaged due fire, heat, smoke and water. | 15,02,000 |
| 21 | 25-9-82 1646 hrs. | Messrs. Swan Mills Ltd., T.J. Road, Sewree, Bombay | Textile mill | Firemen with one jet from two motor pumps and mill employees with 4 foam che- mical extinguishers 27 soda acid ex- tinguishers, 4 dry powder chemical ext. | Thermopac 1000 U Wanson boilers No. 3, No. 2, A.C. sheet roof, electric installation, severely damaged due to fire, heat, smoke and water. | 2,05,000 |
| 22 | 11-10-82, 0524 hrs. | L.B.S. Marg, Behind C.I. B.A. Co., Bandup (W) | Transport | Firemen with two jets from 2 motor pumps | Internal fittings, paint work of railway coach etc. severely damag- ed due to fire, heat smoke and water. | 1,50,000 |
| 23 | 15-10-82, 2130 hrs. | Andheri Bus Terminus, Opp. Andheri Railway Station, Andheri (W). | Bus Transport | Firemen with one jet from one motor pump. | Bus engine, battery, electric wires, lights, cushion sheets, tyres, stear- ing, entire steel bus body, etc. of a BEST Double Decker, Bus No. MRR 1777 were severely damaged due to fire, heat, smoke and water. | 1,30,000 |
| 24 | 16-10-82 0558 hrs. | Fort House, and Fort Annex Building, 221, DN., Road and 38/40 Police Court Lane. | Cloth shop & readymade garments, travel agents and Offices. | Firemen with 19 jets from 18 motor pumps. | Ready-made garments, sarees, rags, carpets, electric installation, air condition machine, steel and wooden furniture, Typewriters, telephone, office records, etc. entire structure of three floored building damaged due to fire, heat, smoke and water. | 51,76,100 |

APPENDIX-II

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|------------------------|---|--|---|---|--|
| | | | | | | Rs. |
| 25 | 15-11-82, 1110 hrs. | Hotel Hilton International 43, Pochkhanwala Road, Worli, Bombay. | Restaurant Loading and boarding. | Firemen with 5 jets from 8 motor pumps. | Furniture, carpets, draperies, cur- tains, A.C. Machine fans, etc. false ceiling, doors, windows, electric installation severely damaged by fire, heat, smoke and water. | 7,05,000. |
| 26 | 20-11-82, 1717 hrs. | Hindustan Spg. & Wvg. Mills Ltd. Dr. A.N. Road, Jacob Circle. | Textiles | Firemen with three jets from mills hydrants. | Stock of cotton, synthetic fibre, textile machineries, electric in- stallation, etc. were severely damaged due to fire, heat, smoke and water. | 1,75,000. |
| 27 | 29-11-82, 0700 hrs. | Haji Bunder, Opp. 'B' Shed, M.S.R. Road, Sewree Bombay. | | Firemen with 8 jets from 8 motor pumps & B.F.T. Fire Service with one motor pump. | Large stock of M.E.K.N. Butyl Vinyl Ether, Sodium hydrite oil, Thyl mercapton, C.N. Steets, Acrylic acid, nitrocellulose, methyl acrylate, etc. and large stock of dates severely damaged by fire, heat, smoke and water. | 1,47,40 |
| 28 | 29-11-82, 2308 hrs. | Ferry Wharf, Opp. Mallet, Bunder. | Sea transport. | Firemen with 2 jets from 2 motor pumps. | Fishing trawler bearing Regd. No. 2518 severely damaged by fire, heat, smoke and water. | 1,10,000. |
| 29 | 6-12-82, 0705 hrs. | Sonal Prints, Marva Estate, Plot No. 5, Saki Vihar Road, Sakinaka. | Printing and dyeing. | Firemen with 3 jets from 3 motor pumps. | Large stock of polyester and cotton grey cloth, printing materials, printing tables, colours and pigments, sewing machines, office records, files, furniture, electric installations, air conditioning machines, etc. severely damaged by fire, heat, smoke and water. | 10,55,000 |
| 30 | 13-12-82, 0353 hrs. | Mukesh Textile Mills, N. A. Sawant Marg, Colaba. | Textile Mills. | Firemen with 13 jets from 16 motor pumps. | Large stock of cotton yarns, machineries, furniture in warping weaving, sizing and winding Department electric installation, doors, windows, etc. severely damaged due to fire, heat, smoke and water. | 25,00,000 |
| 31 | 18-12-82, 0504 hrs. | Shri Krishna Woollen Mills, L.B.S. Marg, Bhandup. | Mfg. of woollen goods. | Firemen with 3 jets from 7 motor pumps. | Large quantity of woollen rags, synthetic waste, semi finished woollen blankets, etc. severely damaged due to fire, heat, smoke and water. | 2,00,000 |
| 32 | 31-12-82, 2024 hrs. | Khanna Dyeing and print- ing works, 38, Sarawala Estate, Goregaon (East). | Dyeing and printing. | Firemen with 3 jets from 3 motor pumps. | Large quantity of cloth, stock of dyes, colours, chemicals, printing frames, printing screens, finished and semi finished cloth, colour mixing machines, electric meters, electric installation, doors, windows, etc. severely damaged due to fire, heat, smoke and water. | 10,00,000 |
| 33 | 30-12-82, 1745 hrs. | Mulbas Hill Telephone Exchange, A.G. Bell Marg, Mulabar Hill, Bombay. | Telephone Exchange. | Firemen with 12 Co 2 Fire ex- tinguishers, 4 engine lines, and by cutting off current. | Few hundred metres of telephone and power cables, on ground, 1st and 2nd floors, severely damaged by fire, heat, smoke and water. Switch room machinery on first and 2nd floors, severely by water and carbons, busbars, and battery terminus, window, panes, damaged during fire fighting operation. | To Premises. Rs. 50,000 To Contents be assessed |
| 34 | 2-1-83, 0730 hrs. | Galab Shah Indl. Estate, Behind, Kurla BEST Depot, C.S.T. Road, Kurla (W). | Godowns and industries. | Firemen with 11 jets from 20 pumps. | Large quantity of wooden boxes, motor card-boards, packing materials, timber, gunny bags, tarpaulines, rags, damaged by fire, heat, smoke and water. | 6,98,500 |
| 35 | 3-1-83, 0150 hrs. | Messrs. R. M. Patel Co., Patel Wadi, New Nagardass Road, Cross Lane' Andheri (East), Bombay. | dyeing. | 7 jets from 7 motor pumps. | material, and finished goods, dyes, colours, chemicals, office files, furniture, records, gunny bags containing tobacco powder etc. severely damaged by fire, heat, smoke and water. | 4,75,000 |
| 36 | 5-1-83 1817 hrs. | Hindustan Spg. & Wvg. Mills Ltd., Dr. Anand Rao Nair Road, Bombay. | Textile Mills | Firemen & mils employees with 5 mill hydrant lins. | Large amount of loose cotton and three tale breaker machines seve- rely damaged by ducts, fire, heat, smoke and water. | 4,25,000 |
| 37 | 6-1-83 0802 | Shri Milan Indl. Estate, Co. Op. Soc. Ltd., Abhodaya Nagar' Cotton green. | Mfg. of leather garments. | Firemen with 2 jets from 2 motor pumps. | Large stock of leather goods, sewing machines, copper and zinc blocks, wooden plans etc. severely damaged by fire, heat, smoke and water. | 3,00,000 |

APPENDIX—II

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|----------------------|---|--|--|--|-----------|
| 38 | 14-1-83 0344 hrs. | 209, Fremson Indl. Estate. Caves Rd., Jogeshwari (W). | Readymade garments. | Firemen with 2 jets from 2 motor pumps. | Large stock of ready made garments, sewing machines, wooden tables, electric installation, telephones, wooden loft, doors, windows, paint work, etc. severely damaged by fire, heat, smoke and water. | 2,97,000 |
| 39 | 19-1-83 1129 hrs. | 19, Tardeo Bridge, Diana Cinema Lane, Tardeo. | Printing press factories Office, etc. | Firemen with 5 jets from 6 motor pumps. | Plastic good, hair, pins, plastic material, electrical goods, printing press machines, office records, office furniture, etc. severely damaged by fire, heat, smoke and water. | 8,65,000 |
| 40 | 1-2-83 0243 hrs. | Retiwala Compd. Harish Arjun Palav Marg, Chinch- pokali X Lane. | Godown. | Firemen with 3 Jets from 3 motor pumps. | Large stock of gunny bags containing minerals in powder from, drums containing combustible material, machineries and empty gunny bags, structure, wooden frame work of doors, windows, electrical installation etc. severely damaged by fire, heat, smoke and water | 2,40,000 |
| 41 | 13-2-83 2325 hrs. | Gautam Nagar, P. L. Lokhande Marg, Deonar. | Transport. | Firemen with one jets from one motor pump. | Complete frame work of seats, tyres, BEST Single Decker bus bearing Regd. No. MMX 2109 were severely damaged by fire, heat, smoke and water. | 2,00,000 |
| 42 | 14-2-83 1958 hrs. | Universal Insurance Bldg., Phirozshah Mehta Road Fort. | Mfg. Musical instruments. | Firemen with 22 Jets from 21 motor pumps. | Gramophone records, cassettes, packing material, steel, constructed loft steel & wooden furniture, air condition room, electric installation office records, ceiling fans etc. internal paint work of entire Bldg., timber frame, window shutters' wooden doors, etc. severely damaged by fire, heat, smoke and water. | 30,78,000 |
| 43 | 20-2-83 0337 hrs. | Kher wadi Rd., Kherwadi, Bandra (East). | Jewellers & godown etc. | Firemen with 4 jets from 4 motor pumps. | Packing material, household articles, clothes, furniture, wooden racks, records doors, windows, entire wooden loft, electric fittings and fixtures, etc. severely damaged by fire, heat, smoke and water. | 1,46,000 |
| 44 | 5-3-83 1533 hrs. | Shed No. E-55 Cotton Depot, Cotton Green. | | Firemen with 12 jets from 12 motor pumps. | Large stock of Cotton bales R.C. C. structure, electric installations, etc. severely damaged, due to fire, heat, smoke and water. | 60,00,000 |
| 45 | 5-3-83 0228 hrs. | Sanghi Oxygen Ltd., Mahakali Rd., Andheri, (E). | Mfg. Acetylene and oxygen gas. | Firemen with 2 engineer lines of 4 motor pumps. | About 90, charged Dectylone gas cylinders electric cable, wiring, steel beams, partition of asbestos so of etc. severely damaged due to fire, heat, smoke and water. | 2,20,000 |
| 46 | 9-3-83 0215 hrs. | Jawahar Nagar, Road, No. 1, Plot No. 62, Goregaon (W). | Mattress, watch repairing, dry Fruits, Tailoring. | Firemen with 3 engineer lines of 2 motor pumps. | Sewing machine, electric motors, cotton Mattresses loose cotton ready made garments, large stock of umbrella etc. severely damaged by fire, heat, smoke and water. | 1,66,000 |
| 47 | 14-3-83 2240 hrs. | Evergreen Trades & Agen- cies, 36, Mahal Indl. Estate, Mahakali Rd., Andheri (E). | Mfg. ready made Guarments. | Firemen with 2 jets from 2 motor pumps. | Stock of garments and raw material, 30 sewing machines, small stock of Chindi rags, furniture, electric fixtures and fittings, etc. severely damaged by fire, heat, smoke and water. | 2,50,000 |

APPENDIX—III

Brief details of serious House Collapses during the year 1982-83

| Sr. No. | Time & Date | Place | Death | Injured | Details | Service Rendered | |
|---------|----------------------|---|-------|---------|--|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 1 | 23-6-82 1600 hrs. | 14/18, Undriya Street, Ebrahim Manzi. | 1 | 5 | Entire northern wall of 1st, 2nd & 3rd floors of four floored brick walled, timber framed building had collapsed & six persons were trapped under the debris. | Two persons who were trapped under the debris rescued by Firemen, rendered first aid and removed to Hospital. Eight persons were rescued by pitching escape ladder & entire building was vacated. | |
| 2 | 3-7-82 2049 hrs. | 18' Ebrahim Manzil, Opp. Dharati Cinema, Parel. | 3 | 3 | Portion of the ceiling & load bearing wall of a two floored building had collapsed. Six persons reported to be injured. Out of which one person buried under the debris. | Transmitted message for the attendance of Bldg. Dept. BEST & Police Dept. personnel rescued the persons from the debris, rendered first aid to the injured & removed in Fire Brigade Ambulance. | |
| 3 | 24-7-82 0724 hrs. | 13 F, Chakala X Lane, Deoji Premji Bldg., Off Sharif Deoji St. | 8 | 9 | Western side rear portion of a six floored building consisting of one room on each floor, entire W. C. blocks & staircase collapsed there by 128 persons were stranded on various upper floors & 17 persons were trapped under the debris. | Stranded persons were safely rescued from upper floors by pitching escape and extension ladders. 17 persons were rescued from the debris and removed to G. T. Hospital in Brigade & other ambulances. | |
| 4 | 6-8-82 1653 hrs | 99, Kamathipura, Lane, | 2nd | 1 | 4 | Portion of living room in the rear side from ground to 3rd floor, brick walled, timber framed building was collapsed | The trapped persons were taken out from the fallen debris by Firemen & removed to Nair Hosp. in Motor Pump No. 8 and the charge of the building was handed over to Sub Engineer Shakh of 'E' Ward. |
| | 10-9-82 0615 hrs. | Nagu Sayaji Chawl, 17, 2nd Koli Lane, Rajwadkar St. Colaba, Koliwada. | | 2 | 2 | Portion of W.C. & bathroom side of a three floored building collapsed on hut in adjoining compound. | 4 persons rescued by Firemen & removed to St. Georges Hosp. after rendering first aid. Building vacated & Buiding Dept. was informed. |
| 6 | 21-9-82 1555 hrs. | Girgaum Post Office Bldg., V. P. Road, Girgaum. | | 7 | 7 | First floor walls and roof of a two floored (with one basement) building, used for offices and shops had given way thereby trapping seven persons under the debris. | Three persons were extricated by the members of public before arrival of Brigade. Four persons from the debris were rescued by Firemen and were moved to Hospital in Brigade ambulance. All the three stranded persons were rescued from 2nd floor on Extension Ladder. |
| 7 | 5-11-82 0905 hrs. | 52, Mani Mahal, C. P. Tank | 6 | 6 | 6 | Portion of the North East side & roof of a five floored brick walled, timber framed, tiled roof building had collapsed, thereby injuring 12 persons. | Rescued 8 persons by fire men from the collapsed debris & rendered first aid and removed to G. T and J. J. Hospital by Brigade. Ambulance. Inmates of the entire building were asked to vacate the buildings. Charge of the situation was handed over to Police. |

APPENDIX—IV

| Category | Rescued alive and subsequently recovered | | Rescued alive and subsequently died | | Lives lost before arrival of the Brigade | | Total | |
|---------------------|--|-------------|-------------------------------------|-------------|--|-------------|---------|-------------|
| | In Fire | In accident | In Fire | In accident | In Fire | In accident | In Fire | In Accident |
| 1 Brigade Personnel | 4 | 17 | .. | .. | .. | .. | 4 | 17 |
| 2 Others | 219 | 317 | 92 | 132 | 36 | 179 | 347 | 628 |
| 3 Animals | 3 | 188 | .. | .. | .. | .. | 3 | 188 |

APPENDIX No. V.

Fire Risk Covered :

| | | | | | | | |
|----|--|-----|-----|-----|-----|-----|-----|
| 1 | Textile Woollen Silk and artificial silk (Rayon etc., Mills) | ... | ... | ... | ... | ... | 108 |
| 2 | Ginning Mills | ... | ... | ... | .. | .. | 3 |
| 3 | Cotton Presses | .. | .. | .. | .. | .. | 19 |
| 4 | Oil Mills | .. | .. | .. | .. | .. | 23 |
| 5 | Petrol and Oil storages, refineries | ... | ... | ... | ... | ... | 35 |
| 6 | Match factories, fire works and explosives manufacturers | ... | ... | ... | .. | ... | 6 |
| 7 | Explosives stores | ... | ... | ... | ... | ... | 11 |
| 8 | Processes involving dangerous petroleum products | ... | ... | ... | ... | ... | 12 |
| 9 | Cinematograph films Celluloid plastics and Bakelite works | ... | ... | ... | ... | ... | 23 |
| 10 | Timber and wood working paper manufacturing etc. | ... | ... | ... | ... | ... | 125 |
| 11 | Chemical Works | .. | ... | ... | ... | ... | 49 |
| 12 | Gas and Electricity Undertakings | ... | ... | ... | ... | ... | 62 |
| 13 | Docks, railways, Air-Port installations | ... | ... | ... | ... | ... | 36 |
| 14 | Warehouses, Goods Yards, Goods Sheds | ... | ... | ... | ... | ... | 281 |
| 15 | Manufacture of rubber goods | ... | ... | ... | ... | ... | 16 |
| 16 | Manufacture of other goods | ... | ... | ... | ... | ... | 562 |

Water Facilities :

| | | | | | | | |
|----|--|-----|-----|-----|-----|-----|-------|
| 17 | Hydrants and approximate capacity | ... | ... | ... | ... | ... | 11652 |
| 18 | Water Ponds | ... | ... | ... | ... | ... | 316 |
| 19 | Refilling places | ... | .. | .. | .. | .. | 70 |
| 20 | Wells Rivers and Canals | .. | .. | .. | .. | .. | 500 |
| 21 | Other facilities like static tanks, storage tanks etc. { excluding Sea Water around the island of Bombay. | .. | .. | .. | .. | .. | 181 |

Summary of calls to fires and other emergency calls (including false alarms) showing the number of times appliances of the Fire Brigade attended and how fires were extinguished during the year 1982-83.

| Serial No. | Fire Station | How Called | | | | | H O W A T T E N D E D | | | | | | | | | | | | | | | | How Extinguished | | | | | | | | | | | | |
|------------|-----------------|------------|------------|----------------------------|--------------|-------|-------------------------------|----------------------------------|--------------------|-----------|--------------|-------------------------------|----------------------------------|-------------------|--------------------|------------|------------------------|------------------|-------------------|------------------|-------------------------|-----------|-------------------|-------|---------------|------------------------|--------------------|------------|-------------|---------------------|------------|---------|----------------|---------------------|----|
| | | Stranger | Fire Alarm | Direct Line (Private Wire) | Control Room | Total | Station Appliances | | | | | Aiding Appliances | | | | | | How Extinguished | | | | | | | | | | | | | | | | | |
| | | | | | | | Motor Pump with Escape Ladder | Motor Pump with Extension Ladder | Hydraulic Platform | Ambulance | Water Tanker | Motor Pump with Escape Ladder | Motor Pump with Extension Ladder | Turn-table Ladder | Hydraulic Platform | Rescue Van | Motor Emergency Tender | Water Tanker | Hose Laying Lorry | Control Post Van | Breathing Apparatus Van | Ambulance | Turn-table Ladder | Sand | Water Buckets | Chemical Extinguishers | Fire Aid Hose Reel | Motor Pump | No. of Jets | Cutting off Current | Smothering | Hydrant | Foam Equipment | Sprinklers Actuated | |
| 1 | Colaba .. | 24 | .. | .. | 226 | 250 | .. | 229 | .. | 38 | .. | 30 | 42 | 23 | 27 | .. | 3 | 32 | 3 | 5 | .. | .. | .. | 46 | 22 | 19 | 10 | 41 | 39 | 51 | 4 | 1 | .. | .. | |
| 2 | Fort .. | 56 | .. | 1 | 289 | 346 | 262 | 73 | 11 | .. | .. | 51 | 43 | 6 | 4 | 3 | .. | 19 | 1 | .. | 2 | 7 | .. | 142 | 34 | 19 | 20 | 66 | 66 | 145 | .. | .. | .. | .. | |
| 3 | Memonwada .. | 30 | .. | .. | 569 | 599 | 578 | 55 | .. | 37 | 19 | 28 | 12 | 5 | 6 | 2 | 2 | 1 | .. | 3 | 3 | .. | 3 | 177 | 62 | 7 | 34 | .. | 21 | 177 | 51 | 18 | .. | .. | |
| 4 | Gowalia Tank .. | 59 | 8 | .. | 403 | 470 | 465 | 4 | .. | .. | .. | 56 | 42 | 16 | 21 | 3 | .. | 32 | 1 | .. | .. | 27 | 23 | 141 | 43 | 21 | 45 | 19 | 18 | 180 | 23 | 1 | .. | .. | |
| 5 | Byculla .. | 52 | .. | .. | 266 | 318 | 295 | 63 | .. | .. | 15 | 28 | 22 | .. | 1 | 5 | .. | 4 | 1 | 1 | 7 | .. | 6 | 96 | 30 | 6 | 13 | 62 | 63 | .. | .. | 4 | 1 | 1 | |
| 6 | Worli .. | 45 | .. | 9 | 264 | 318 | 309 | 52 | .. | .. | 17 | 55 | 109 | 1 | 3 | 5 | .. | 9 | .. | 3 | .. | 26 | 2 | 69 | 41 | 188 | 22 | 40 | 49 | 111 | .. | 12 | 13 | 1 | |
| 7 | Dadar .. | 24 | .. | 67 | 227 | 318 | 280 | 80 | .. | 16 | 1 | 74 | 28 | .. | 2 | 5 | .. | 2 | .. | .. | .. | 15 | 4 | 60 | 9 | 406 | 15 | 1 | 6 | 32 | .. | 17 | .. | 12 | |
| 8 | Shivaji Park .. | 18 | .. | .. | 181 | 199 | 199 | .. | .. | .. | .. | 28 | 44 | 2 | 3 | .. | .. | 11 | .. | .. | .. | 7 | .. | 94 | 94 | 25 | .. | 9 | 11 | .. | .. | 5 | .. | .. | |
| 9 | Indira Dock .. | 6 | .. | 17 | 85 | 108 | 104 | 49 | .. | 1 | .. | 56 | 34 | .. | 1 | .. | 1 | 4 | .. | 1 | 3 | 16 | .. | 27 | 6 | 27 | 20 | 31 | 55 | .. | 1 | .. | .. | .. | |
| 10 | Mandvi .. | 11 | .. | .. | 140 | 151 | 117 | 20 | .. | .. | .. | 48 | 30 | 3 | 2 | 8 | 3 | 15 | .. | 4 | 3 | .. | .. | 36 | 23 | 1 | 7 | 12 | 17 | .. | .. | .. | .. | .. | |
| 11 | Sewree .. | 19 | .. | .. | 123 | 142 | 121 | .. | .. | .. | .. | 59 | 39 | .. | 3 | .. | .. | 22 | .. | 4 | .. | .. | .. | 21 | 14 | 14 | 16 | 49 | 67 | .. | .. | 1 | .. | .. | |
| 12 | Andheri .. | 11 | .. | .. | 577 | 588 | .. | 668 | .. | .. | 46 | 6 | 63 | .. | .. | .. | .. | 14 | .. | .. | .. | 51 | .. | 34 | 69 | 13 | 10 | 8 | 37 | .. | .. | .. | .. | .. | |
| 13 | Vikhroli .. | 35 | .. | .. | 261 | 296 | 235 | 22 | .. | 34 | 33 | 87 | .. | .. | 8 | .. | .. | 10 | .. | 2 | .. | .. | .. | .. | .. | 40 | 9 | 47 | 54 | 67 | 69 | 2 | 1 | .. | .. |
| 14 | Chembur .. | 31 | .. | .. | 201 | 232 | 1 | 246 | .. | .. | .. | .. | 40 | .. | .. | .. | 4 | 14 | .. | 1 | .. | .. | .. | 58 | 41 | 15 | 10 | 32 | 62 | 56 | 50 | 40 | 4 | .. | .. |
| 15 | Dharavi .. | 16 | .. | .. | 142 | 158 | .. | 179 | .. | .. | 2 | 8 | 16 | .. | .. | .. | .. | 12 | .. | 2 | .. | 4 | .. | 50 | 48 | 7 | 11 | 22 | 26 | .. | .. | .. | .. | .. | |
| 16 | Deonar .. | 17 | .. | .. | 46 | 63 | 2 | 60 | .. | .. | .. | 19 | 3 | 2 | .. | .. | 6 | 7 | .. | .. | .. | 4 | .. | 19 | 1 | 2 | .. | 3 | 18 | .. | 2 | .. | .. | | |
| 17 | Mulund .. | 43 | .. | .. | 127 | 170 | .. | 187 | .. | .. | 1 | .. | 29 | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | 53 | 26 | 112 | 12 | 40 | 40 | .. | .. | 4 | .. | .. | |
| 18 | Raoli Camp .. | 32 | .. | .. | 31 | 63 | 60 | 6 | .. | .. | .. | 6 | 9 | .. | .. | .. | .. | 2 | .. | .. | .. | 3 | .. | 12 | 11 | .. | 9 | 4 | 18 | 13 | 7 | .. | .. | .. | |
| 19 | Kandivli .. | 54 | .. | .. | 216 | 270 | 21 | 265 | .. | .. | .. | 20 | 11 | 23 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 43 | 38 | 17 | 21 | 41 | 37 | 48 | 19 | 2 | .. | .. | |
| | | 583 | 8 | 94 | 4,374 | 5,059 | 3,049 | 2,258 | 11 | 126 | 134 | 659 | 617 | 81 | 81 | 35 | 19 | 234 | 6 | 26 | 18 | 160 | 39 | 1,178 | 612 | 939 | 284 | 524 | 689 | 898 | 189 | 88 | 19 | 14 | |

APPENDIX No. VII.

Fires losses during the period from 1977-78 to 1982-83.

| YEAR | NO. OF FIRES | ESTIMATED LOSS |
|---------|--------------|----------------|
| | | Rs. |
| 1977-78 | 2546 | 6,22,20,180 |
| 1978-79 | 2907 | 6,03,21,621 |
| 1979-80 | 3090 | 5,00,00,276 |
| 1980-81 | 3286 | 5,64,00,000 |
| 1981-82 | 3048 | 5,91,71,000 |
| 1982-83 | 3029 | 7,11,79,728 |

APPENDIX VIII

Special Service Cell

| Sr. No. | Date and Time | Place | Dead | Injured | Details |
|---------|-----------------------|--|------|---------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 23-5-82 1639 hrs. | Junction of Nyayamurti P. Marg, & Pandita Ramabai Marg, Bombay 7. | | 19 | It was noticed that a single decker B. E. S. T. bus (MRL 5857) had collided with a double decker bus (MRT 1970) resulting in over turning of the double decker. There by injuring about nineteen people. |
| 2 | 26-6-82 0136 hrs. | Kshavrao Khade Marg, Opp. Zenith. Tin. Works (P) Ltd. Mahalaxmi. | 1 | 4 | Motor ambulance bearing No. MMF 1984 speeding along the road from East to West carrying in all 8 persons (including driver) one being patient had toppled over on its left side on a pavement injuring in all 5 persons, one of them being pedestrian. |
| 3 | 17-7-82 1602 hrs. | Akurli Road, Opp. National Lea- ther Works, Kandivali (E). | 2 | .. | Stone loaded lorry bearing No. MRT 2277 corring toward Kandivaji Station dashed a cyclist and skidded one body 1 Kms. away from accident spot. |
| 4 | 18-7-82 1758 hrs. | In front of M. S. E. B., L. B. S. Marg, Bhandup, Bombay 78. | 1 | 10 | Private Taxi bearing No. MMQ 1643 and Pvt. Car bearing No. MRH 8279 had head on collision on the road. As a result totally, eleven persons reported injured, remove to Mulund General Hosp. and Jesraj Hosp. by Pvt. car by public before arrival of the Brigade. |
| 5 | 28-8-82 2014 hrs. | J. P. Road, 7 Bungalows Versova, Andheri (W), Bombay 58. | | 41 | A Lorry Regd. No. MRR 6861 Bedford make carrying about 80 persons returning from Shree Ganpati Immersion proceeding from West to East on J. P. Road, and turn over on right side, thereby injuring 41 occupant. |
| 6 | 23-9-82 0320 hrs. | Opp. Bhavana Bldg., Near Kandi vaji Fire Stn., S. V. Road, Kandi vali, (W), Bombay 67. | 1 | 6 | B. E. S. T. passenger single decker bus bearing Registration No. MRL 8446 and a lorry bearing registration No. MRT 2847 collided along the S. V. Road, Near Kandivaji Fire Stn., resulting in injuring to 3 occupants of the B. E. S. T. bus and 4 occupants of the lorry. Out of 4 occupants of the lorry one driver Mr. Gundappa Shivappa aged about 28 yrs. was trapped in Drivers Cabin between back seat and steering wheel. |
| 7 | 25-9-82 0812 hrs. | Near Shantaram Talav, Aliyavar Jang Marg, (W. E. Highway) Malad, (E) Bombay 64. | 1 | 6 | The truck of Tata make model bearing Registration No. MMP 2484 loaded with stone, was plying from North to South direction along W. E. Highway (Aliyavar Jang Marg) had skidded on road and one pedestrian had came under the body of that truck. There were injuries to other two pedestrians and four labourers in the lorry. |
| 8 | 1-10-82 1528 hrs. | Near Electric Lamp Post, No. BLR 17, Opp. Sion Garden, L. B S. Marg, Kuria (W). | | 7 | A motor lorry bearing No. MHT 2857 full of bags of cement speeding from South to North was turned over at the road side, effecting injurer to 7 persons traveling in the lorry. It was also learnt that five injured persons were removed to Sion Hosp. by public in taxi before arrival of the Brigade. |
| 9 | 8-11-82 1611 hrs. | M. S. R. Road, Haji Bunder behind National College Sewree Bombay. | 4 | .. | About six sailors 500' in Sea were stranded on a barge named 'Uma Prasad' four Sailors were drowned and two sailors were rescued safely. |
| 10 | 11-11-82 1022 hrs. | Opp. Vitram Glass Works, Near Gandhi Nagar, L. B. S. Marg, Vikhroli (W). | | 6 | A motor tanker bearing No. MRR/7746 speeding from South to North dashed against a bus stand at the Road side, effecting injuries to six pedestrians who were rescued and removed to Rajawadi Hosp. by public in Pvt. Cars before arrival of the Brigade. |
| 11 | 7-12-82 1341 hrs. | A scrapped ship "M. V. Topaz Express" at Retibunder, Daru khana, Bombay 9. | 3 | .. | Three workers gone into the tower hold of the engine of the ship had over come by some poisonous gases and had not come out of the engine. |
| 12 | 24-12-82 1808 hrs. | Malad Naka, Western Express Highway, Malad (E), Bombay. | 1 | 25 | A school bus bearing No. MRR 1133 was over turned on the road side in a way with the police revealed that about 7 persons (Student & Teachers) were trapped in the bus and were rescued by members of public by breaking rear side portion of the bus. About 26 persons (5 teachers, 20 students and one cleaner of the bus) were injured. All the injured were removed to Bhagwati Hosp. Borivali and Asha Private Hosp. Malad (E) by members of public before arrival of the Brigade. |
| 13 | 22-2-83 1449 hrs. | Near Slaughter House, Gautam Nagar, Deonar, Bombay. | | 7 | A single decker B. E. S. T. bus bearing No. MRR 1128 went off the road and dashed against nearby hutments causing injuries of seven persons. |
| 14 | 26-3-83 1237 hrs. | 587, Sukhi Niwas, Marwani Chawl, R. C. Marg, Bombay. | 2 | .. | Members of public that a women aged about 27 year old and a female child have fallen in well in an open space away from the road side in a private compound. |
| 15 | 26-3-83 1619 hrs. | Near the junction of Kalina-Kurla Road and C. S. T. Kurla Rd., Santacruz (E) Bombay. | 1 | 6 | Single decker omnibus bearing No. MRL 8655 coming from Kurja to Santacruz after taking turn at the above stated junction went further and dashed against compound wall attached to road side, thereby causing injuries to seven persons those were standing at bus stop for bus. Compound wall slightly damaged near side bumper, front board, and mud guard of bus dented. All the injured persons were rescued by the members of the public before arrival of Fire Brigade and removed to Cooper Hospital in private vehicles. |

MARKET DEPARTMENT

Salient Features

In the year 1982-83.

| | | | | |
|----------------------------------|-------------|------------------|------------------------|------------------------|
| Income | Rs. | 1,91,53,315 | Expenditure | 2,15,98,425 |
| Markets maintained : | | | | |
| | | Municipal | | Private |
| City | | 35 | | 10 |
| Eastern Suburbs | | 14 | | 1 |
| Western Suburbs | | 30 | | 5 |
| Markets developed | | | | |
| | City | | Western-Suburbs | Eastern-Suburbs |
| Markets developed | 1 | | 2 | 2 |
| Markets under development | | | | |
| | 6 | | 2 | 2 |

There are 95 markets—79 Municipal and 16 Private Markets, under the control of the Corporation. In addition to this, 957 licences have been issued for outside shops of meat and fish to cater to the increasing demands of the citizens.

The entire activities of the Market department are managed by 1093 personnel (supervisory-6, Inspectorial-213 Indoor staff-61 and labour staff 813).

The markets are situated in different areas viz. (1) city, (2) western suburbs & (3) Eastern suburbs. Their financial position etc. is as under :—

| Unit | Municipal Markets | Private Markets | Licences issued to O.S. shops | Revenue Collected | Expenditure | |
|------------------------|-------------------|-----------------|-------------------------------|--------------------|--------------------|------------------|
| | | | | | Estt. | Maint. |
| | | | | Rs. | Rs. | Rs. |
| (1) City .. | 35 | 10 | 285 | 1,47,43,295 | 78,00,000 | 58,28,555 |
| (2) Western Subs. .. | 30 | 5 | 366 | 31,14,495 | 55,60,045 | 8,36,020 |
| (3) Eastern Suburbs... | 14 | 1 | 306 | 12,95,525 | 11,49,105 | 4,24,700 |
| Total .. | 79 | 16 | 957 | 1,91,53,315 | 1,45,09,150 | 70,89,275 |

The cold storage at M. J. P. Market is scrapped and demolished, and a new cold storage at C. S. Market is under construction.

During the year, revenue amounting to Rs. 1,91,53,315 was collected against the amount of Rs. 1,89,54,126 for the previous year. So also, expenditure for the year was Rs. 2,15,98,425 as against Rs. 1,65,78,152 for the previous year.

Wholesome articles viz. vegetables, fruits, mutton, beef pork, fish, poultry eggs etc. were supplied through the markets to the citizens of Bombay.

Surprise raids to detect smuggling of animals and unauthorised slaughter of animals were carried out regularly by the special staff. Nearly 4976 raids were carried out and Rs. 4,01,185 were collected by way of fine and auction of staff.

Immunization of cattle and dogs is done by a team of Veterinary staff. During the year, 234 dogs and 41,131 milch cattle were immunized at 9 centres. The curative and preventive treatment of animals was continued at Khar Veterinary Dispensary.

Due to increasing number of hawkers during the year 1982-83, some of the municipal markets in the suburbs were not patronised well.

Following Markets are under development

City

- | | |
|---------------------------------|--|
| (1) Colaba Market | The pile foundation of thrid phase is to start sthortly. Work order is already given. |
| (2) M. J. P. -Market | Construction of mutton and eggs stalls is completed. Old. mutton section is demolished. Renovation of shed No. 5 is completed. Plans are ready for East wing new building. |
| (3) Babu Genu Market : | Work of 3rd Phase is in an advanced stage, but not yet completed. |
| (4) Kamiathipura Market : | Work of construction of 1st phase is started. Some additional stalls are provided. |
| (5) Elphistone Rd., Märket. | Work of construction of super structure is in an advanced stage, but not yet completed. |
| (6) D. K. Mandai, Lower Parel : | Construction work is in progress. |

Markets under development in Suburbs

- | | |
|--|---|
| (1) Turner Road Mkt. (Guru Nanak Rd.) | Construction work of the market bldg., is in an advanced stage, but not yet completed. |
| (2) Extension of Khar-Danda Market. | Work order was issued to start the work, but not yet started on account of an objection from the loud Koli Samaj. |
| (3) Kena Market at Govandi. | Work completed. |
| (4) Tagor Nagar Mkt. Vikhroli. | Work is in substantial progress. |

Markets fully develo'ed in Suburbs & City.

- | | |
|--|--|
| (1) Topiwala Market Goregaon (West). | Main building completed and the market will be commissio ned shortly. |
| (2) Khar Market (central parilian). | Stalls auctioned and ocupied. |
| (3) Market on Plot No. 5-A at Mulund (W), S. L. Road. | } Proposal to dispose of the stalls by publicauction is submitted to the Standing Committee. |
| (4) Market on plot No. 36 Mulund (West). | |
| (5) Sant Janabai Market at Ghodupdeo. | Construction of market is completed. |

Ward Officer (Markets).

DEONAR ABATTOIR

Since the commissioning of the Abattoir all the units continued to function smoothly.

During the year under report there is an increase in the arrival and slaughter of sheep and goats. Cold Storage facilities are made available to the licensees to the full extent.

Production of the blood meal and meat meal was continued in the inedible plant and the international standard was maintained for the products approximately 97.3 tonnes of blood meal and 56.09 tonnes of meat meal were produced during the year under report. This scientific disposal of the waste material, had avoided environmental pollution and health hazard.

The gas produced in the Gobar as Plant was continued to be supplied to the two canteens in the Abattoir premises.

As usual special arrangements were made during the Bakri-Id Festival for "Sacrificial Slaughter" of Horned Cattle in one of the livestock market sheds and Municipal Meat Vans were made available for the transportation of sacrificed meat.

Pharmaceutical concerns like Messrs. Griffon Laboratoir Messrs. Raptakos and Brett. Co., Messrs. Immu Kimia, M/s. Cachet phaamaceuticals Mess,s. Emcure pharmaceutical the Haffkine Institute and many other technical and research Institute continued to take benefit of the facilities for collection of various glands, tissues etc., at Dconar Abattoir for Pharmaceutical use and research purpose.

Educational Institutions like Bombay Veterinary College, Kokan Krishi Vidyapith Marketing trainees from Director of Marketing and Inspection Government of India, Local Self Government Institute Bombay and many other Educational Institutes availed of the facilities for demonstration/training etc.

Dignitaries from various States and from abroad paid visits to the Abattoir and took advantage of the technical expertise available here.

DR. S. N. BRAHME,
General Manager,
Deonar Abattoir.

STATEMENT I.

Part—I.

| | | Buffaloes | Bullocks | M. B. Cs. | Sheep & Goats | Pigs |
|---------------------------------|----|-----------|----------|-----------|---------------|--------|
| Brought | | | | | | |
| 1981-82 | .. | 54,172 | 1,03,994 | 5,263 | 33,58,471 | 35,272 |
| 1982-83 | .. | 52,039 | 92,980 | 5,403 | 40,90,360 | 36,895 |
| Rejected | | | | | | |
| 1981-82 | .. | 472 | 1,076 | 72 | 1,252 | 357 |
| 1982-83 | .. | 426 | 963 | 30 | 2,327 | 172 |
| Percentage of Rejection. | | | | | | |
| 1981-82 | .. | 1% | 1.1% | 1% | 0.04% | 1.05% |
| 1982-83 | .. | 08% | 1.03% | 5% | 0.06% | .46% |
| Animals Removed | | | | | | |
| 1981-82 | .. | 322 | 39 | 39 | 3,53,861 | ... |
| 1982-83 | .. | 118 | 12 | 1 | 4,44,870 | ... |
| Slaughtered. | | | | | | |
| 1981-82 | .. | 53,577 | 1,05,134 | 5,357 | 22,16,976 | 35,239 |
| 1982-83 | .. | 50,463 | 93,966 | 5,388 | 24,75,406 | 36,563 |

Part—II.

| Meat | Quantity Produced (in tons) | | Quantity Condemned (in tons) | | Percentage of condemnation | |
|-----------|--------------------------------|-----------|---------------------------------|---------|-------------------------------|---------|
| | 1981-82 | 1982-83 | 1981-82 | 1982-83 | 1981-82 | 1982-83 |
| Beef .. | 11,831.73 | 19,479.40 | 520.95 | 63.26 | 3.4% | .32% |
| Mutton .. | 22,045.21 | 24,712.00 | 10.72 | 17.66 | 0.04% | .71% |
| Pork .. | 879.70 | 914.075 | 10.72 | 11.35 | 1.20% | 1.24% |

STATEMENT—II

Revenue collected at Deonar Abattoir

| | 1981-82 | 1982-83 |
|---|--------------------|--------------------|
| | Rs. | Rs. |
| (1) Fair fees .. | 45,15,578 | 65,63,743 |
| (2) Slaughter fees .. | 80,02,126 | 1,23,42,166 |
| (3) Licence fees .. | 2,94,771 | 3,07,610 |
| (4) Blood fees .. | 3,30,319 | 4,20,374 |
| (5) Service charges for slaughter of animals .. | 1,14,82,619 | 1,23,66,378 |
| (6) Miscellaneous Receipts .. | 37,43,833 | 11,32,993 |
| (7) Rent .. | 3,55,231 | 3,20,405 |
| (8) Cold Storage .. | 3,21,206 | 2,41,731 |
| Grand total | 2,90,45,683 | 3,26,95,400 |

LICENCE DEPARTMENT

HIGH LIGHTS :

- (1) Expenditure on the Department :—
 (a) Establishment .. Rs. 1,08,93,065
 (b) Others .. Rs. 24,34,650
- (2) Revenue earned by the Department : Rs. 4,77,51,994.
 No. of licences issued and amount realised

| Section of B.M.C. Act. | No. of Licences issued. | | Revenue realised (in Rs.) | |
|---------------------------|-------------------------|---------|---------------------------|-------------|
| | Div. I | Div. II | Div. I | Div. II |
| 313(1) (b) (c) .. | 41,031 | 3,024 | 54,75,194 | 2,82,397 |
| 313(A)/313B .. | 10,048 | 3,306 | 61,46,959 | 27,87,152 |
| 328/328A .. | 4,403 | 2,208 | 58,83,802 | 16,42,178 |
| 393/394 .. | 63,005 | 45,446 | 1,28,66,617 | 1,26,67,695 |

- (3) No. of prosecutions launched and amount of fines inflicted :—

| Prosecutions launched | | Fines inflicted (in Rs.) | |
|-----------------------|---------|--------------------------|----------|
| Div. I | Div. II | Div. I | Div. II |
| 6,930 | 7,092 | 7,12,360 | 6,87,770 |

Functions and Activities: The Licence Department functions in four wings viz., (1) Licence Section (2) Encroachment Section (3) Stall Board and other projection Section and (4) Advertisement Section and their activities are as under :—

(1) **Licence Section :** This Section issues licences under section 394 of B. M. C. Act for storages and trades which are either inflammable, combustible, corrosive, poisonous etc. and/or which has a nuisance value from public health point of view. Permits under section 393 of B. M. C. act are also issued for controlling Steam Whistles and Steam trumpets etc. A revised Schedule 'M' has come into effect from 26th November 1979, which includes several new commodities and trades. There was a stiff apposition to implement this schedule from the Trade Association including Indian Merchants Chamber as they feel that implementation of this schedule will cause harassment to the traders. However, this department has already started implementing the schedule. Maharashtra Government has also appointed a Experts Committee to go into details regarding grievances of the traders and the Committee is studying their grievances. The report of Government in this case is awaited.

(2) **Encroachment Section :** This wing controls hawkers and squatters either by issuing licences at suitable places or by removing unauthorised hawkers from roads and footpaths. The total amount recovered by way of redemption and demurrage charges is Rs. 34,32,254.00 for 1982-83 as against Rs. 24,62,249.00 for 1981-82. Municipal Commissioner has prepared his report regarding Hawking Zones and it was submitted to the Ex. Mayor, Dr. A.U. Memon for getting the same approved from the Hawkers Committee. The matter is still under consideration of the Hawkers' Committee. After Hawker's Committee approves the report, final sanction of the Corporation will be taken for implementing the same.

Mass Raids are also arranged for removing unauthorised Haewkrs Zone-wise. As regards issuing licences for hawkers, report has been submitted to Hawkers Committee for considering creation of Hawking Zones and in case, this is not accepted, then to create Non-Hawking Zones i.e. the hawking on a pitch at areas other than Non-Hawking Zones by paying fees as fixed by Standing Committee without creating any legal rights. The matter is under consideration of the Hawkers Committee.

(3) **Stall Board Section :** This wing deals with issue of permissions for various types of projections viz. Ssall Board, Weather Frame, Over Hanging Awning, Show-cases, Cupboard, steps etc. under Section 313(1)(b)(c) of the B.M.C. Act.

(4) **Advertisement Section :** This wing regulate various types of advertisements and sky-signs in City and suburbs, to implement the provision of Section 328-328A.

(5) **Mass Raid Section :** There are five Mass Raid Sections for detecting unauthorised, inflammable and explosive storages. As a result of their detections of unauthorised storages and trades and infringement in case of licensed premises, 3542 court cases have been launched in addition to orfeiture of security deposit of Rs. 1,28,327. One more Detection Squad has also been established and new trades which were originally not requiring any licences are now being detected and the process of issue of licence is started. It is expected that the revenue of the Licence Department will increase considerably because of licensing of new items.

D. A. PADGAONKAR,
Superintendent of Licences.

APPENDIX 'A'

Statement showing the No. of licences and permits issued and fees received in the year 1980-81 to 1982-83.

| Description | NO. OF LICENCES AND PERMITS | | | | | | | | | AMOUNT OF FEES REALISED. (in Rs.) | | | | | | | | |
|--|-----------------------------|---------------|---------------|---------------|----------------|----------------|---------------|-----------|-----------|-----------------------------------|------------------|--------------------|------------------|-------------------|---------------------|------------------|-----------|-----------|
| | City | | | Suburbs | | | Ex. Suburbs | | | City | | | Suburbs. | | | Ex. Suburbs. | | |
| | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 |
| | Rs. | | | Rs. | | | Rs. | | | | | | | | | | | |
| (1) Commodities & Trades including Milk & its products (Sec. 394 & 412 A) .. | 61,316 | 63,479 | 61,827 | 26,278 | *43,274 | *44,946 | 15,654 | .. | .. | 42,26,017 | 88,00,557 | 1,28,31,696 | 48,28,740 | *80,26,758 | *1,26,18,965 | 23,77,691 | .. | .. |
| (2) Blowing steam whistle (Section 393) .. | 49 | 48 | 45 | 51 | *100 | *95 | 43 | .. | .. | 1,979 | 2,444 | 3,210 | 3,495 | *7,525 | *9,907 | 3,370 | .. | .. |
| Total .. | 61,365 | 63,527 | 61,872 | 26,329 | *43,374 | *45,041 | 15,697 | .. | .. | 82,27,996 | 88,03,001 | 1,28,34,906 | 48,32,235 | *80,34,283 | *1,26,28,872 | 23,81,061 | .. | .. |
| 3) Transfer of fees (Sec. 394 and 412A) .. | 1,058 | 1,383 | 1,133 | 417 | *529 | *405 | 192 | .. | .. | 32,595 | 33,679 | 31,711 | 18,465 | *29,696 | 38,823 | 9,416 | .. | .. |
| Grand Total .. | 62,423 | 64,910 | 63,005 | 26,746 | *43,903 | *45,446 | 15,889 | .. | .. | 82,60,591 | 88,36,680 | 1,28,66,617 | 48,50,700 | *80,63,979 | *1,26,67,695 | 23,90,477 | .. | .. |

* This figure includes Revenue of Sub & Ext Sub together.

APPENDIX 'B'

Statement showing the No. of permits for advertisement issued and amount of fees collected during the year 1980-81 to 1982-83 under Section 328/328A

| Description | NO. OF PERMITS | | | | | | | | | AMOUNT OF FEES REALISED. | | | | | | | | |
|---|----------------|--------------|--------------|--------------|---------------|---------------|--------------|-----------|-----------|--------------------------|------------------|------------------|-----------------|-------------------|------------------|-----------------|-----------|-----------|
| | City | | | Suburbs | | | Ex. Suburbs. | | | City | | | Suburbs. | | | Ex. Suburbs. | | |
| | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 | 1980-81 | 1981-82 | 1982-83 |
| | Rs. | | | Rs. | | | Rs. | | | | | | | | | | | |
| (1) Wall posters boardings & boards .. | | | | | | | | | | | | | | | | | | |
| (2) Moveable boards and handcars .. | | | | | | | | | | | | | | | | | | |
| (3) Illuminated Advertisements Sky-signs .. | 5,260 | 5,153 | 4,403 | 1,461 | *2,146 | *2,208 | 604 | .. | .. | 60,14,596 | 58,17,642 | 58,83,802 | 9,24,839 | *13,17,133 | *16,42,178 | 2,27,499 | .. | .. |
| (4) Non-illuminated Sky-signs .. | | | | | | | | | | | | | | | | | | |
| (5) Wall paintings .. | | | | | | | | | | | | | | | | | | |
| Total .. | 5,260 | 5,153 | 4,403 | 1,461 | *2,146 | *2,208 | 604 | .. | .. | 60,14,596 | 58,17,642 | 58,83,802 | 9,24,839 | *13,17,133 | 16,42,178 | 2,27,499 | .. | .. |

* This figure includes revenue of Sub. & Ext. Sub. together

APPENDIX 'C'

Statement showing the number of Hawkers Licences issued and amount of fees collected during the year 1980-81 to 1982-83

| Description. | Year. | No. of Licences issued. | | | Amount of fees collected. (in Rs.) | | |
|--|---------|-------------------------|---------|-------------------|------------------------------------|------------|------------------|
| | | City. | Suburbs | Extended Suburbs. | City. | Suburbs | Extended Suburbs |
| | | | | | Rs. | Rs. | Rs. |
| (1) Squatter's fees collected in the reserved areas (under Sec. 313A). | 1980-81 | 10,059 | 2,372 | 645 | 27,95,442 | 7,89,471 | 2,12,683 |
| | 1981-82 | 8,615 | *3,253 | | 29,21,774 | *11,58,299 | |
| | 1982-83 | 8,655 | *3,116 | | 36,02,195 | *16,74,508 | |
| (2) Fees received from itinerant hawkers licences (under Section 313). | 1980-81 | 401 | 147 | 166 | 1,01,646 | 15,505 | 35,741 |
| | 1981-82 | 1,451 | *157 | | 4,630 | *62 | |
| | 1982-83 | 1,393 | *190 | | 2,21,701 | *3,453 | |
| Total of Item No. 1 & 2 | 1980-81 | 10,460 | 2,519 | 811 | 28,97,088 | 8,12,976 | 2,48,424 |
| | 1981-82 | 10,066 | *3,410 | | 29,26,404 | *11,58,361 | |
| | 1982-83 | 10,048 | 3,306 | | 38,23,896 | *16,77,961 | |
| (3) Recovery of expenses under (Section 490) for removal of Encroachments under Section 314. | 1980-81 | ... | ... | ... | 18,58,391 | 3,43,871 | 1,69,129 |
| | 1981-82 | ... | ... | ... | 16,56,472 | *8,05,777 | |
| | 1982-83 | ... | ... | ... | 23,23,063 | *11,09,191 | |
| Final Total | 1980-81 | 10,460 | 2,519 | 811 | 42,55,479 | 11,58,847 | 4,77,553 |
| | 1981-82 | 10,066 | *3,410 | | 45,82,876 | *19,64,138 | |
| | 1982-83 | 10,048 | 3,306 | | 61,46,959 | *27,87,152 | |

* This figure includes revenue of Sub & Ext Sub together

APPENDIX 'D'

Statement showing the number of Licences issued in respect of Stall-board etc. projections in City Suburbs and extended Suburbs during the Year 1980-81 to 1982-83 under Section 313(1) (b) (c).

| Year | No. of licences issued. | | | Amount of fees collected (in Rs.). | | |
|---------|-------------------------|----------|-------------------|------------------------------------|-----------|-------------------|
| | City. | Suburbs. | Extended Suburbs. | City. | Suburbs. | Extended Suburbs. |
| | | | | Rs. | Rs. | Rs. |
| 1980-81 | 47,226 | 2,440 | 858 | 36,48,684 | 1,68,738 | 42,529 |
| 1981-82 | 43,172 | *2,953 | | 35,15,810 | *1,68,771 | |
| 1982-83 | 41,031 | *3,024 | | 54,75,194 | *2,82,397 | |

* This figure includes revenue of Sub & Ext Sub together

SHOPS & ESTABLISHMENTS

SALIENT FEATURES:

| | | |
|--|-----|--|
| Revenue Receipts | Rs. | 39,65,102.54 |
| Expenditure on different activities. (exclusive of Provident Fund Contribution and Supervision Charges. etc.). | Rs. | 31,84,675.46 |
| Number of Establishments registered | | 2,38,412 |
| Number of employees working therein | | 7,04,383 |
| Complaints Received | | 1,009 |
| Complaints disposed of | | 1,012 |
| | | including ending at the beginning of the year. |
| Prosecution launched | | 13,484 |
| Cases decided | | 13,415 |
| Total fines realised | Rs. | 7,62,538.00 |
| Grant-in-aid received during the year for the administration of the year 1981-82 from State Government. | | Nil. |
| Total benefits regarding Minimum Wages— | | |
| 1. Number of employees benefitted | | 719 |
| 2. Amount paid by owners | Rs. | 2,75,496.92 |

This department administers Bombay Shops and Establishments Act, 1948, payment of Wages Act, 1936, Minimum Wages Act, 1948, and Workmen's Compensation Act, 1923, throughout Greater Bombay, on behalf of the State Government. It will have to administer the Maternity Benefit Act, 1961, also after issue of a Notification by the Government of Maharashtra.

The department consist of 5 Supervisory Staff, 82 Inspectorial Staff and 46 Indoor Staff and 54 Shops Attendants and Peons. The Chief Inspector is in-charge of this department.

The total number of establishments registered under the Shops and Establishments Act, 1948, were 2,38,412 and their classification is shown in Appendix 'A'.

The total complaints received during the year were 1,009, out of which 1,012 (including there pending at the beginning of the year.) were disposed of as detailed in Appendix 'B'.

Similarly, Total number of prosecutions launched under the Bombay Shops and Establishments Act, 1948, during the year were 13,484 and 13,415 prosecutions were decided and fine Rs. 7,62,538.00 was inflicted.

This year the State Government have not sanctioned grant-in-aid for the year 1981-82 as there was no Excess of expenditure over income for the administration of the Shops and Establishments Act, 1948, for the said year.

The total expenditure incurred on different activities of this department during the reporting year was 31,84,675.46 (exclusive of Provident Fund, leave contribution and Supervision charges). As against this, the total income by way of Registration etc. fees during the year was Rs. 39,65,102.54.

Total number of visits paid to the establishments for the purpose of the enforcement of Minimum Wages Act, 1948, during the year under report were 8,201, out of which, 3,777 were Shops 3,779 for Commercial Establishments 629 for Residential Hotels, Eating Houses and Restaurants, and 16 for Theatres.

As a result of intervention of Inspectors of this department, an amount of Rs. 2,75,496.92 was distributed to 719 employees of different establishments by way of increase in wages, differences, etc.

In all 1,385 Mass raids were held during the year for the purpose of enforcement of the provisions of Bombay Shops and Establishments Act, 1948, and Minimum Wages Act, 1948.

APPENDIX ' A

Registered Establishments

| Category | City | Suburbs | Extd. Suburbs | Total |
|------------------------------|----------|---------|---------------|----------|
| Shops | 81,518 | 42,803 | 16,588 | 1,40,909 |
| Commercial Establishments | 63,929 | 13,098 | 8,468 | 85,495 |
| Residential Hotels | 479 | 153 | 40 | 672 |
| Restaurant and Eating Houses | 6,077 | 3,771 | 1,297 | 11,145 |
| Theatre | 105 | 61 | 25 | 191 |
| Total | 1,52,108 | 59,886 | 26,418 | 2,38,412 |

APPENDIX ' B .

Complaints Received

| Category | Complaints | | | | | | | | | | | | |
|-------------------------------------|--|------|-----------|---------------------------|------|-----------|-------------------------------|------|-----------|---------------------------------|------|-----------|----|
| | Outstanding at the beginning of the year | | | Received during the year. | | | Investigated during the year. | | | Pending at the end of the year. | | | |
| | City | Sub. | Ext. Sub. | City | Sub. | Ext. Sub. | City | Sub. | Ext. Sub. | City | Sub. | Ext. Sub. | |
| Shops and Establishments Act, 1948. | 87 | 14 | 14 | 569 | 146 | 131 | 567 | 154 | 132 | 89 | 6 | 13 | |
| Payment of Wages Act, 1936. | 1 | .. | 1 | 72 | 5 | 1 | 71 | 5 | 1 | 2 | .. | 1 | |
| Minimum Wages Act 1748. | 4 | 2 | 1 | 64 | 12 | 9 | 62 | 12 | 8 | 6 | 2 | 2 | |
| Workment's Com-ensation Act 1923. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Total | .. | 92 | 16 | 16 | 705 | 163 | 141 | 700 | 171 | 141 | 97 | 8 | 16 |

V. R. SARANG,
Chief Inspector, Shops and Establishments

MUNICIPAL GARDENS

| | | |
|---|----|--|
| (1) Income | .. | Rs. 7,15,521.00 |
| (2) Expenditure | .. | Rs. 2,30,23,123.00 (Including Loan Works) |
| (3) Amount spent on the Zoo | .. | Rs. 14,03,879.00 |
| (4) Expenditure on New Works and Special Repairs | .. | Rs. 6,62,567.00 |
| (5) Recreational activities added during the year 1982-83. | | |
| (1) Gardens | .. | 10 |
| (2) Playgrounds | .. | 11 |
| (3) Fountains | .. | 2 |
| (4) Band Stands | .. | .. |
| (5) Traffic Islands | .. | 14 |
| (6) Nurseries | .. | 2 |
| (7) Plant Sale Counter | .. | .. |
| (6) Tree Planted | .. | 9,046 Nos. |
| (7) Plant distributed | .. | 46,000 Nos. |

The Garden Department looks after the recreational activities of the Corporation and maintaining 277 gardens, 154 playgrounds, 36 gardens attached to Municipal Buildings, 69 Traffic island gardens, 61 Water Fountain, 12 Band-Stands, 21 Nurseries and 4 sale counters all over Greater Bombay.

Veer mata Jijabai Bhosle Udyan which is centrally located has remained one of the best attractions to the visitors as it was in the past. Joy rides, shady trees and modern play-apparata installed in the garden remained the attraction of the children.

ZOO.

During the year under report we have achieved a good record in breeding the important animals like Hippopotamus, Nilgai, Sambar, Spotted deers, Albino Black Buck, Indian Antelope, Barking deers and birds like peacock and painted stork etc. During the year 24 animals which included lions, spotted deers, sambar, black bucks, Nilgai, 7 painted stocks and 4 cockateels were born in the Zoo. Grey Kangaroo (1 male and 2 female) are added to the Zoo during year 1982-83. The Zoo section with a variety of animals birds reptiles both Indian and Foreign, occupy 18 acres area where in 198 animals of 45 varieties and about 650 birds of 100 varieties and 450 reptiles of 12 varieties are kept for display. During the year under report an amount of Rs. 14,03,879/- was incurred on Zoo as against the provision of Rs. 15,75,000/-.

Regular annual painting, maintenance of the cages, planting of trees in the cages and enclosures to offer shade and natural environment to the animals, breeding facilities for the birds and animals were provided as was done in the past.

Open Air Theatre.

The Open Air Theatre was hired out to the public on reasonable rent on 160 occasions for drama, social gatherings etc. The theatre is becoming popular day by day.

Recreational Activities

During the year under report 10 gardens, 11 play-grounds, 14 traffic islands are added viz. Garden at the junction of Senapati Bapat Marg and Supari Road, Garden in front of Oscar Hotel Khar, Garden at Dr. Cooper Hospital, Vile Parle, Tilak Nagar Garden, Chembur, Shivaji Nagar. Garden in 'M' Ward. Garden and Children Park, Kannmwar Nagar, Vikhroli and Playground viz. Sahakar Nagar Playground, Playground at 2nd Hasrabad Lane, Khar Playground near Vakola Police Station, Santacruz, Playground at Aram Nagar, Andheri (West), Playground opposite Adarsh Housing Society, Malad (W) and Shivaji Nagar Playground in 'M' Ward.

The existing gardens and playgrounds in the City, Eastern and Western Suburbs were maintained properly.

Fountains.

61 fountains were run throughout the Greater Bombay. The fountain with multicoloured lights provided at Madhu Park, Nanda Deep, Kasturba Chowk, Horniman Circle, Acharya Udyan, Dr. Ambedkar Udyan, Netaji Subhash Chandra Bose Udyan and a row of fountains in Acharya Udyan, Chembur are other attractions of the Bombayites.

During the year under report a massive tree plantation programme was undertaken to combat the evil effects of air pollution faced in major parts of the city and 2871 trees in City, 3891 trees in Western Suburbs and 2284 trees in Eastern Suburbs were planted. As a part of grow more tree campaign 46,000 trees were distributed.

Maintenance of Gardens and Playgrounds during 1982-83.

| Serial No. | Description | City | Western Suburbs | Eastern Suburbs | Total | Remarks |
|------------|--|-------|-----------------|-----------------|-------|---------|
| 1 | Gardens | 149 | 71 | 57 | 277 | |
| 2 | Playgrounds | 93 | 40 | 21 | 154 | |
| 3 | Gardens attached to Municipal Buildings. | 18 | 15 | 3 | 36 | |
| 4 | Fountains | 34 | 12 | 15 | 61 | |
| 5 | Bandstands | 6 | 3 | 3 | 12 | |
| 6 | Box Hedges | 1 | 1 | ... | 2 | |
| 7 | Statues | 10 | 1 | 4 | 15 | |
| 8 | Traffic Islands | 58 | 10 | 1 | 69 | |
| 9 | Nurseries | 8 | 8 | 5 | 21 | |
| 10 | Sale Counters | 1 | 1 | 2 | 4 | |
| | Planting of Trees | 2,871 | 3,891 | 2,284 | 9,046 | |

J. C. GARKHEL,
Superintendent of Gardens.

MUNICIPAL FREE READING ROOMS & LIBRARIES

There were 30 Municipal Free Reading Rooms and Libraries (including one Circulating Library). Out of these, 25 libraries [(19 on Div.-I and 3 on Div.-II (W.S.) and 3 on Div.-III (E.S.)] were managed by the Mumbai Marathi Granth-Sangrahalaya as per C. R. No. 1822 of 17-3-1981. The remaining five libraries [four on Div. I and 1 on Div. II (W. S.)] were, managed by the Municipal Corporation of Greater Bombay.

The details of books purchased, number of visitors, income and expenditure etc.

| Particulars | Division I. | | Division II. (W.S.) | | Division III. (E.S.) | |
|---|--------------|----------|---------------------|---------|----------------------|---------|
| | 1981-82 | 1982-83 | 1981-82 | 1982-83 | 1981-82 | 1982-83 |
| Books Purchased | 287 | 319 | 236 | 249 | Nil | Nil |
| Cost of the books (excluding discount) | Rs. 4,777 | 6,072 | 4,361 | 5,385 | Nil | Nil |
| Number of Visitors | @ 28,687 | @ 13,776 | 27,253 | 32,333 | Nil | Nil |
| Income | Rs. *461 | *692 | *4,911 | *5,342 | *Nil | *Nil |
| Expenditure excluding grant paid to the M. M. Grantha Sangrahalaya. | Rs. 1,29,405 | 1,34,007 | 39,230 | 36,454 | Nil | Nil |
| Grant paid to the M. M. Grantha Sangrahalaya. | Rs. 2,53,000 | 2,54,000 | 48,000 | 36,000 | 48,000 | 36,000 |

@ Sobani Municipal Free Reading Room and Library was closed to the public from 25-6-1981 onwards as some portion of the building collapsed and repairs were undertaken by the contractor of the tenants with the consent of the Repairs Board. Khatry Municipal Free Reading Room and Library was also closed to the public from 17-10-1981 onwards as repairs were undertaken by the contractor of the Repairs Board.

* The question of recovery of compensation from Mumbai Marathi Granth Sangrahalaya is being reconsidered and the amount to be recovered has been kept in Deposit hence the figure of income is less.

V. N. BARVE,
Chief Librarian i/c.,
Municipal Free Reading Rooms and Libraries.

Dr. Bhau Daji Lad Museum (ESTD-1855)

The Museum formerly known as Victoria and Albert Museum was handed over to the Corporation by the Bombay Government, in 1885. It was renamed on 1st November, 1975 as Dr. Bhau Daji Lad Museum.

The exhibits in the Museum are classified in different sections such as Agriculture & Village-Life, Armoury, Cottage Industries, Ethnology, Fine-Arts, Fossils, Indian-Coins, Minerals, Miscellaneous-Collection, Old-Bombay-Collection, Pre-History & Geology and Religion & Mythology. A Coin-cabinet contains Ancient Indian Coins. The Reference Library of the Museum contains books on Art, Archaeology, Old-Bombay, History etc. The books, coins and eighteen volumes containing specimens of Indian Textile are made available for reference/perusal on request.

The work of preparing second album of the positives from the negatives on old-Bombay was completed and the album is made available for reference. The alphabetical index for 862 glass negatives was prepared. The work of preparing fair copies of the annual reports of the Museum since 1886 was taken in hand with a view to compiling for reference, the brief history of the Museum. The work of recording the details of the ethnological figures, which are being painted a fresh was taken in hand.

The photographs of the two ex-Governors of Maharashtra have been obtained. One bronze plaque with Dr. J. A. Turner's bust in relief was received from the Health Department. A copy of the historical survey of Suburban Railways from 1853 to 1953 was obtained from Dr. Ashok-kumar Arora and its typed copy was added to the collection. Some rare books were purchased and the publications from Goa Hindu Association and Mumbai Marathi Sahitya Sangha regarding the history of the institutions were acquired and added to the library.

Given necessary help to the National Institute of Designs, Paldi to prepare exhibits for the Exhibition which was held in London. Necessary steps were taken to strengthen the security measures. Due to economic measures no major repairs work was undertaken by the engineering department.

The details regarding the Number of visitors, sale proceeds of Admission-Tickets, Total Expenditure etc.

| Particulars | 1981-82 | 1982-83. |
|---|-------------|-------------|
| The number of days Museum was kept open .. | 291† | 303* |
| Total Number of visitors .. | 8,49,165† | 7,64,290* |
| Sale proceeds of Admission Tickets Rs. .. | 52,858.20† | 89,857.30* |
| Sale proceeds of Museum Guides & Minor Receipts Rs. .. | 1,590.75 | 798.75 |
| Fees for taking photographs of exhibits etc. Rs. .. | 788.00 | 564.00 |
| Sale proceeds of scrap, waste papers etc, Rs. .. | 73.50 | 223.21 |
| Receipt of grant from the Central Government Rs. .. | .. | .. |
| Total expenditure (Excluding the amount spent from the grant from Central Govt.) Rs. .. | 1,14,818.00 | 1,85,883.00 |

† The Museum was kept closed to the public for 11 days, as the work of oil-painting the building externally was carried out.

* The Museum was kept closed to the public due to the strike of Labour staff from 21-9-82 to 26-9-82.

V. N. BARVE,
Curator,
Dr. Bhau Daji Lad Museum.

MUNICIPAL SWIMMING POOL

All the four Municipal Swimming Pools in Greater Bombay viz. Mahatma Gandhi Memorial Olympic Swimming Pool at Dadar, Ghatkopar Lions Municipal Swimming Pool at Ghatkopar, S. V. P. Swimming Pool at Kandivali, & Nirlon Olympic Municipal Swimming Pool at Goregoan were fully utilised by the public during the year under report. The number of casual Swimmers and the regular members are on increased scale from year to year. Concessional facilities for the school were adequately utilised by school.

30th Anniversary of the M. G. M. O. Swimming Pool was observed on 27th April 1982 by holding swimming competitions amongst the members of all the four Municipal Swimming Pools.

Senior National Aquatic Championship was held at New Delhi from 12th September 1982 to 17th September 1982. Nine members of M. G. M. O. Swimming Pool had participated in the Senior National Aquatic Championship. Two members had participated in Age Group National Aquatic Championship held at Kanpur from 23rd June 1982 to 28th June 1982.

M. G. M. O. Water Polo League Tournament was held at M. G. M. O. S. Pool in July 1982.

Financial

| Swimming Pool | Income | Expenditure |
|--|----------|-------------|
| | Rs. | Rs. |
| (1) M. G. M. O. Swimming Pool | 4,90,767 | 4,68,458 |
| (2) S. V. P. Swimming Pool, Kandivali. | 2,71,786 | 2,34,891 |
| (3) Ghatkopar Swimming Pool | 2,75,173 | 2,43,768 |
| (4) N. O. M. S. Pool, Goregoan | 86,395 | 2,75,177 |

Swimmers.

| Swimming Pool | New Admissions. | Casual Swimmers. | School children | No. of Institutions. | Private Reservations. |
|---|-----------------|------------------|-----------------|----------------------|------------------------------------|
| (1) M. G. M. O. Swimming Pool | 8724 | 67140 | 3680 | 11 | 123 Hrs. With Revenue Rs. 8,312/- |
| (2) S. V. P. Swimming Pool, ... Kandivali. | 3000 | 32000 | 2300 | 11 | 150 Hrs. with Revenue Rs. 40,000/- |
| (3) Ghatkopar Swimming Pool ... | 3597 | 49200 | 1281 | 6 | 191 Hrs. With Revenue Rs. 3,681/- |
| (4) N. O. M. S. Pool Goregoan .. | 814 | 23310 | 104 | 4 | 67 Hrs. with Revenue Rs. 2871/- |

R. S. RANE,
Manager,
M. G. M. O. Swimming Pool.

Raja Dr. Baldeodas Birla Kreedā Kendra

Raja Dr. Baldeodas Birla Kreedā Kendra has a multipurpose auditorium, fully air conditioned and equipped with normal electrical accessories viz., flood lights, spot lights, solar lights, full set of loudspeakers with six mikes etc, required for staging drama or musical concerts. The auditorium has a seating capacity of 625 pushback type chairs. The auditorium is rented to various organisations and individuals for staging dramas, musical entertainment, social functions, meeting etc.

Children Hall and Boat House are also rented for drama rehearsals, meetings, Rangavali exhibitions etc.

Municipal Departments arranged their programmes at Birla Kreedā Kendra. These included :-

- (a) Inter Ward & Inter Departmental Dramatic Competitions, organised by Labour Department.
- (b) Sports and Guide meetings of Education Department.
- (c) Exhibitions of articles made at Balbhavan Centres.
- (d) Prize distribution function of Education Department and Health Department.
- (e) Gathering & other functions of Municipal Medical Colleges & Hospitals.

Birla Kreedā Kendra has a first grade Restaurant on its premises. It is open to the audience as well as to the public. Terrace garden is visited by the Public for sight seeing. The Garden is also rented for marriage receptions, lunches and dinners and meetings.

During the year under report the Auditorium, Boat House, Children Hall and Garden were booked as under —

| | | |
|------------------|----|---------------|
| 1. Auditorium | .. | 300 Sessions, |
| 2. Boat House | .. | 497 Sessions, |
| 3. Children Hall | .. | 395 Sessions, |
| 4. Garden | .. | 406 Sessions. |

Professional drama producers and orchestra Producers are taking advantage of auditorium, for staging drama, orchestra and of Boat House and Children Hall rehearsals,

The expenditure was restricted to the budgetary provisions whereas the programmes conducted and the income earned were more than anticipated figure in the more performance budget.

An amount of Rs. 2,39,620.00 was collected by way of revenue and an amount of Rs. 3,76,160.84 was expended on salary of Staff and other items of maintenance.

J. S. SATAM
Manager,
Birla Kreedā Kendra.