

**GOVERNMENT OF THE
CENTRAL PROVINCES AND BERAR**



**EDUCATIONAL RECONSTRUCTION
AND VOCATIONAL TRAINING
IN THE
CENTRAL PROVINCES & BERAR**

**Report of the Committee appointed by
Government to do Exploratory Work and to
collect Data for the consideration of Experts
on a Scheme of Educational Reconstruction
and Vocational Training in this Province**

**NAGPUR
GOVERNMENT PRINTING, C. P. & BERAR
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VOCATIONAL TRAINING
QUESTIONNAIRE

1. Name of the person (or institution) replying—

2. Designation—

3. Full address—

4. Area about which the statements are made—

5. Topic or topics on which a special note is submitted for consideration by the Committee—

N. B.—All replies and special notes on topics should reach the Secretary *on or before October 1st, 1936.*

V. S. JHA,
Secretary to the Committee,
Inspector of Schools, Raipur,
Central Provinces.

UNEMPLOYMENT AND EDUCATIONAL RECONSTRUCTION

1. The Local Government has appointed a Committee to do the exploratory work and collect data, including the bringing of available information up to date, on the subject of vocational education in this province. This information will be laid before foreign experts, appointed by the Government of India, who will visit the province during the ensuing cold weather. These experts will then be in a position to advise the Local Government on the nature of vocational training to be imparted and the location of separate vocational institutions.

2. The diversion of suitable pupils from the literary courses at present followed by the great majority of school pupils is a matter of vital importance to the future welfare of the province. In order to collect the necessary information for discussion with the experts, the Committee has decided to issue the questionnaire printed below. The Committee will be grateful to Government officers and members of the general public, including leading industrialists, agriculturists, businessmen and other employers of labour who are in a position to give or collect valuable information on the subject, if they will reply to the questionnaire, wholly or in part, and so help the cause of the educated unemployed in this province. A detailed note on any of the relevant topics will also give valuable assistance to the Committee.

3. The following definitions will be helpful to those answering the questionnaire :—

(I) *Manual training* aims at developing the constructive activities of the child with the object of cultivating mental powers of observation, attention and accuracy of the moral faculties of order, neatness, perseverance and reliance, awakening and training the artistic faculties of the pupils and directing them to the appreciation and creation of the beautiful and training them to take joy in the acquisition of skill and in the production of finished objects.

(II) *Pre-vocational training* is a part of general education and aims at giving a definite bias in one or more directions to a pupil's education and thus prepare him indirectly for a particular occupation. Discovery of the pupil's bent towards a particular occupation may result from training of this type.

(III) *Vocational training*, or industrial education, aims at developing ability and skill in the handling of tools, material and machines. This is a specialized training which is designed to produce qualified artisans for some specific industry, craft or occupation.

(IV) *Technical education* is instruction in the principles of science and art as applied to industries. Attention is chiefly given to the acquisition of knowledge of various principles of technical education and their practical application.

4. The time at the Committee's disposal is short and it is kindly requested that the replies to the questionnaire may be sent to the Secretary at the address given below on or before October 1st, 1936.

V. S. JHA,
Secretary to the Committee,
Inspector of Schools, Raipur,
Central Provinces.

QUESTIONNAIRE

PART A.—PRE-VOCATIONAL

I. Has manual training in any form been conducted in any of the schools in your locality? If so, please cite any outstanding feature or benefit has been derived from this course of instruction.

II. If manual training has not been introduced in any school in your locality, do you consider that such a course of training would confer educational benefits specified in the definition, having regard to heredity, environment and other characteristics common in your locality?

III. Should pre-vocational training be given in the schools in this province? If so, please state briefly—

- (a) At what stage of general education should pre-vocational education begin and vocational courses introduced?
- (b) Should pre-vocational education be preceded by manual training?
- (c) What subjects are most suitable to create a practical bias or to lead to the discovery of a bent for any particular industry?
- (d) Should a pre-vocational course precede vocational training, having as its object efficient craftsmanship and good business methods?

IV. In view of the Central Provinces and Berar being predominantly an agricultural province, do you consider that an elementary course of agriculture as a compulsory pre-vocational subject in rural schools should be adopted? If so, please cite any instance—

- (a) where, as the result of agriculture being a pre-vocational subject, a bias was sufficiently created as to produce skilled agriculturists at a later stage with material benefits;
- (b) which has resulted in any other form of rural pursuits with special advantage to the locality.

V. Are there a sufficient number of pre-vocational and vocational schools in your area? If not, what type of vocational schools do you require and where?

PART B.—VOCATIONAL

I. Do you consider, in view of the present industrial and commercial conditions of the province, that vocational training through specialized courses should be given?

II. In connection with what industries (including agriculture) or crafts, or other occupations do you consider that vocational training is—

- (a) needed;
- (b) practicable in your locality.

III. Please state the centres in which you consider vocational training should be given, and specify the industry or craft in relation to which vocational training should be imparted in those centres. Please state reasons for your answer.

IV. (a) Do you consider that more schools of handicrafts of the existing type are needed? Please give specific reasons for your answer.

(b) If your answer is in the affirmative, name the centres at which you consider such schools should be established and the industries which should be taken up at each centre.

V. What are the chief vocations (other than agriculture, Government service and the learned professions) followed by the people in your locality?

VI. State approximately the population with castes which follow various vocations in your locality.

VII. What are the important cottage industries and crafts in your locality?

VIII. Specify briefly the industries and crafts in your locality which require any of the following :—

- (a) The use of improved methods and appliances without a necessity for theoretical education;
- (b) An elementary or other standard of general education with a strongly utilitarian bias;
- (c) Manual skill without a necessity for improved appliances in which increased output is solely dependent on assured markets.

IX. Was your locality famous at any time for any special craft of manufacture? Please specify them.

X. Will it be possible to revive decaying or dead industries by means of special vocational training? Please give reasons for your views.

XI. What demand is there in your locality for skilled and unskilled labour? Please specify the demand which exists by naming the professions, crafts or industries.

XII. Apart from any general education or vocational training which might be given, do you think that peripatetic teachers, experts in their own subjects, should be sent out to villages to show villagers, *e.g.*, those engaged in cottage industries, how to improve their work?

XIII. Do you consider a minimum educational qualification necessary for a vocational course? If so, please state the minimum.

XIV. At what stage or stages of general education do you consider that vocational training should be begun, *i.e.*, after the primary or after the middle school standard?

XV. Is it desirable to establish schools for general education in close connexion with and in the neighbourhood of mills, factories and farms (*e.g.*, Government farms) in order that boys may continue general education with actual employment or apprenticeship in industries ?

XVI. Should separate schools be established unconnected with mills or factories ?

XVII. What in your opinion should be the duration of a course of vocational training ?

PART C.—TECHNICAL AND TECHNOLOGICAL TRAINING

XVIII. Do you consider, in view of the present industrial condition of the Central Provinces and Berar, that provision should be made for technical and technological education in this province ? Please give reasons for your answer. If your answer is in the affirmative, state definitely the nature of the provision you would recommend, the industries or occupations in connection with which it should be given and the minimum educational and other qualifications which you would consider necessary in persons likely to benefit from it.

PART D.—COMMERCIAL EDUCATION

XIX. Do you consider, in view of the present industrial and commercial condition of the Central Provinces and Berar that provision should be made for commercial education in this province ?

XX. If your answer to XIX is in the affirmative, what is the nature of the education you would recommend and the stage or stages of general education at which it should be given ?

APPENDIX II

The list of persons who replied to the Questionnaire.

1. Commercial Director, Asbestos Cement, Ltd., Kymore, Central Provinces.
2. Sardar Sahib Ishar Singh, Inspector of Schools, Jubbulpore.
3. Mr. H. S. Staley, Inspector of Schools, Nagpur.
4. President, Municipal Committee, Saoner.
5. Revd. E. W. Menzel, Bistrampur, Central Provinces *via* Bhatapara.
6. The Principal, City College, Nagpur.
7. Mr. F. S. Dhagat, Pleader, Damoh.
8. The Head Master, Anglo-Vernacular Middle School, Seoni.
9. Mr. T. R. Gangrade, Senior Deputy Inspector of Schools, Hoshangabad.
10. The President, Municipal Committee, Akot.
11. Sir Hari Singh Gour, Kt., Nagpur.
12. Mr. G. S. Sharma, Teacher, Hindi Bhashi Sangh, High School, Nagpur.
13. Mr. G. G. Shere, Head Master, Government High School, Yeotmal.
14. Mr. D. P. Gupta, Lecturer in Manual Training and Drawing, Spence Training College, Jubbulpore.
15. Mr. B. H. Munje, Professor, City College, Nagpur.
16. Mr. T. Y. Deo, Boy Scout Association, Nagpur.
17. Rai Sahib B. B. Verma, Head Master, Government High School, Chhindwara.
18. The Head Mistress, Government Girls' High School, Amraoti.
19. The Chairman, District Council, Mandla.
20. The Head Master, Government High School, Saugor.
21. The Chairman, District Council, Drug.
22. The President, Municipal Committee, Balaghat.
23. The Head Master, Government High School, Damoh.
24. The Head Master, Government High School, Balaghat.
25. The Head Master, Government High School, Raipur.
26. The Electrical Adviser to Government, Central Provinces and Berar, Nagpur.
27. The Vice-Chairman, District Council, Betul.
28. The Secretary, Municipal Committee, Khandwa.
29. The Head Master, Government High School, Betul.
30. The Head Master, Victoria High School, Khairagarh.
31. Col. K. V. Kukday, C.I.E., I.M.S. (Retd.), Nagpur.
32. Mr. N. L. Inamdar, M.A., T.D., Teacher, New High School, Amraoti.
33. Rao Bahadur W. R. Bhat, Private Practitioner, Amraoti.
34. Mr. Abdul Azim, Retired Superintendent, Deputy Commissioner's Office, Bhandara.
35. Mr. B. J. Babar, Teacher, Anglo-Vernacular Middle School, Dhamtari.
36. Mr. S. A. Rauf Shah, M.L.A., Pandharkawada.
37. Khan Sahib Khwaja Latif Ahmad, Assistant Inspector of Schools, Berar Circle, Amraoti.
38. Mr. R. D. Saranjame, President, Amraoti District Educational Officers' Union, Amraoti.
39. Revd. Th. L. Seybold, Principal, St. Paul's High School, Raipur.
40. Mr. S. J. Bhagwat, Head Master, Aided High School, Dhamangaon.
41. The Head Master, Monro High School, Bhandara.
42. The Head Master, Government High School, Basim.
43. The Head Master, Government High School, Bilaspur.
44. Rai Bahadur Dadu Dwarkanath Singh, Talukedar, Seoni.
45. The Head Master, Government High School, Khandwa.
46. The President, Town Municipal Committee, Amraoti Town.
47. Mr. A. G. F. Farquhar, I.C.S., Deputy Commissioner, Saugor.
48. Mr. S. P. Pathak, Deputy Inspector of Schools, Saugor.
49. Mr. V. R. Dani, Head Master, Government High School, Akola.
50. Mr. D. R. Rutnam, I.C.S., Deputy Commissioner, Raipur.
51. Mr. D. P. Verma, Deputy Inspector of Schools, Seoni.
52. The Head Master, Government High School, Buldana.
53. The Head Master, Government Marathi High School, Amraoti.
54. Revd. T. W. Gardiner, Principal, Hislop College, Nagpur.
55. The Head Master, Craddock High School, Wardha.
56. The Head Master, Municipal High School, Umrer.

APPENDIX II—*contd.*The list of persons who replied to the Questionnaire—*contd.*

57. The Superintendent, Neill City High School, Nagpur.
58. Mr. E. Brewster, Superintendent, Reformatory and Robertson Industrial School, Jubbulpore.
59. Mr. Ghulam Ahmad Hasan, Chairman, Local Board, Chandur.
60. The Manager, R. S. Reckchand Gopaldas Mohota Spinning and Weaving Mills, Akola.
61. The Head Master, Government High School, Narsinghpur.
62. The Head Master, H. C. High School, Burhanpur.
63. The Principal, Central College for Women, Nagpur.
64. The Head Master, S. B. High School, Telhara.
65. The President, Notified Area Committee, Deulgaon Raja.
66. Mr. Indrajit Singh, Post-Graduate Student, Akaltara, Bilaspur.
67. Mr. V. R. V. Subhedar, L. M. E., Szugor.
68. Mr. K. N. Rohan, B.Sc., LL.B., Saugor.
69. Mr. R. L. Baronia, Retired Deputy Inspector of Schools, Saugor.
70. Mr. S. P. Shrivastava, Science Teacher, K. Hitkarini High School, Jubbulpore.
71. The President, Municipal Committee, Pulgaon.
72. The Chairman, District Council, Akola.
73. Rai Sahib A. L. Mukerji, Head Master, Model High School, Jubbulpore.
74. The Head Master, Municipal High School, Ellichpur Cantonment.
75. Mr. P. V. Deshmukh, Banker and Factory Owner, Member, Board of Agriculture, Central Provinces and Berar, Nagpur.
76. The Head Master, City High School, Ellichpur City.
77. Mr. Tahir Ali, Vice-President, Municipal Committee, Burhanpur.
78. Mr. V. K. Soman, Mehkar, district Buldana.
79. The Head Master, Government High School, Chanda.
80. Mr. S. G. Bokare, Member, High School Committee, Chanda.
81. Mr. P. J. H. Stent, I.C.S., Commissioner, Nagpur.
82. Mr. B. Chandra, Head Master, K. Hitkarini High School, Jubbulpore.
83. Rao Bahadur G. R. Kothare, Chairman, Central Provinces and Berar Factory Owners' Association, and Member of the Advisory Board of Industries, Khamgaon.
84. Mr. Sarfaraz Khan, Head Master, Anjuman High School, Khamgaon.
85. The Principal, Hitkarini City College, Jubbulpore.
86. The Deputy Commissioner, Bilaspur.
87. The Secretary, Municipal Committee, Seoni-Malwa.
88. The Manager, Anglo-Vernacular High School, Timarni.
89. The Vice-President, Municipal Committee, Darwha.
90. Mr. R. M. Wathodkar, Retired Sub-Judge, Bhandara.
91. The Superintendent, Government Printing, Central Provinces, Nagpur.
92. Mr. H. Dewey, I.C.S., Deputy Commissioner, Bhandara.
93. The Honorary Secretary, District Council, Balaghat.
94. The President, Municipal Committee, Basim.
95. The Inspectress of Schools, Jubbulpore Circle, Jubbulpore.
96. The Head Master, New English High School, Akot.
97. The Deputy Commissioner, Yeotmal.
98. The Head Master, Government High School, Betul.
99. The Vice-Chairman, District Council, Betul.
100. Rao Sahib D. Y. Rajurkar, Chairman, District Council, Akola.
101. The Sub-Divisional Officer, Nagpur.
102. The Sub-Divisional Officer, Umrer.
103. The Sub-Divisional Officer, Katol-Saoner.
104. Mr. M. I. Rahim, I.C.S., Deputy Commissioner, Yeotmal.
105. The Deputy Commissioner, Nimar, Khandwa.
106. The Sub-Divisional Officer, Rehli, district Saugor.
107. The Deputy Commissioner, Amraoti.
108. Mr. R. J. J. Hill, I.C.S., Deputy Commissioner, Jubbulpore.
109. The Senior Deputy Inspector of Schools, Wardha.
110. The Senior Deputy Inspector of Schools, Balaghat.

APPENDIX II—concl'd.

The list of persons who replied to the Questionnaire—concl'd.

111. The Sub-Divisional Officer, Balaghat.
112. The Tahsildar, Balaghat.
113. The Tahsildar, Waraseoni.
114. The Tahsildar, Baihar.
115. The Deputy Commissioner, Drug.
116. The President, Municipal Committee, Karania.
117. Mr. G. B. Oka, Pensioner, and Member, District Council, Jubbulpore.
118. Mr. A. L. Khan, Pleader, and Vice-Chairman, Local Board, Murwara.
119. The Vice-Chairman, District Council, Jubbulpore.
120. Mr. A. P. Tripathi, Malguzar, Mandla.
121. Mr. A. Prasad, Member, District Council, Jubbulpore.
122. Mr. Alay Hasan, Extra-Assistant Commissioner, and Officer-in-Charge, Court of Wards, Nagpur.
123. Khan Sahib Nazir Abbas, Retired Divisional Forest Officer, Nagpur.
124. The Sub-Divisional Officer, Damoh.
125. The Tahsildar, Burhanpur.
126. Mr. H. E. McClenaghan, I.C.S., Deputy Commissioner, Nagpur.
127. The President, Municipal Committee, Balaghat.
128. The Tahsildar, Ramtek.
129. Mr. A. J. Rodrick, Sub-Divisional Officer, Chhindwara.
130. Mr. L. H. Dube, Extra-Assistant Director of Agriculture, Chhindwara.
131. Mr. R. K. Haridas, Deputy Inspector of Schools, Chhindwara.
132. Mr. V. S. Asolkar, Deputy Inspector of Schools (Pench Valley School), Parasia.
133. Revd. E. Raman, Swedish Mission, Amarwara.
134. Mr. R. P. Verma, Honorary Secretary, Central Bank, Seoni.
135. Mr. J. S. K. Patel, Professor, Hislop College, Nagpur.
136. The Secretary, District Council, Yeotmal.
137. Mr. P. L. Bhargava, President, Municipal Committee, Seoni.

List of persons who have sent special notes on certain topics with refereace to item 5 of the Vocational Training Questionnaires.

1. Mr. B. E. Dadachani, Professor, Morris College, Nagpur.
2. Mr. C. B. Parakh, B.A., LL.B., Advocate, Nagpur.
3. Mr. P. L. Bhargava, Bar-at-Law, President, Municipal Committee, Seoni.
4. Mr. G. S. Sharma, Teacher, Hindi Bhashi Sangh, High School, Nagpur.
5. Mr. S. S. Thakur, Manager, Repair Workshop, Ballarpur Colliery.
6. Mrs. M. Dravid, Head Mistress, Government Girls' High School, Amraoti.
7. The Chairman, District Council, Drug.
8. Dr. W. R. Bhat, Private Practitioner, Amraoti.
9. Mr. S. P. Shrivastava, Science Teacher, K. Hitkarini High School, Jubbulpore.
10. Rai Sahib A. L. Mukerji, Head Master, Model High School, Jubbulpore.
11. Mr. Tahir Ali, Member, Municipal Committee, Burhanpur.
12. Revd. W. C. Seybold, Principal, St. Paul's High School, Raipur.
13. Mr. B. J. Babar, Teacher, Anglo-Vernacular School, Dhamtari.
14. Mr. W. H. Shoobert, I.C.S., Deputy Commissioner, Nagpur.
15. Mr. M. H. Nanavati, Assistant Professor, Morris College, Nagpur.
16. Mr. F. J. Cuerden, Principal, Government Engineering School, Nagpur.
17. Mr. M. L. Dalal, Secretary, The Savatram Ramprasad Mills Co., Ltd., Akola.
18. The Chief Conservator of Forests, Central Provinces.
19. Mr. B. H. Munje, Professor, City College, Nagpur.
20. The Extra-Assistant Commissioner, Nagpur.
21. Sir Sorabji B. Mehta, Kt., Nagpur.
22. Mr. N. L. Inamdar, M.A., T. D., New High School, Amraoti.
23. The Manager, The Perfect Pottery Co., Ltd., Jubbulpore.
24. Mr. P. N. Raina, Assistant Inspector of Schools, Jubbulpore Circle, Jubbulpore.
25. Mr. J. R. Jahagirdar, Retired Senior Deputy Inspector of Schools, Chanda.
26. The Principal, College of Agriculture, Nagpur.

APPENDIX III

Statistical summary of the progress of education
in the Central Provinces and Berar

TABLE I

Increase in the number of education institutions and pupils.

Years	Collegiate Education				High School Education	
	Schools		Pupils		Schools	Pupils
	(1)	(2)	(3)	(4)	(5)	
1912	6	714	37	3,039
1917	7	1,348	50	4,982
1922	7	971	51	3,116
1927	9	1,833	56	5,085
1932	11	2,405	78	8,113
1937	16	3,314	92	9,995
Percentage of increase since 1912	..	167	364	149	229	

Years	Middle School Education		Primary School Education		Special Schools		
	Schools	Pupils	Schools	Pupils	Schools	Pupils	
	(1)	(6)	(7)	(8)	(9)	(10)	(11)
1912	..	385	50,022	3,280	234,386	15	774
1917	..	407	54,007	4,014	287,466	25	1,258
1922	..	520	63,694	4,313	260,412	36	2,488
1927	..	545	90,664	4,523	291,099	54	2,902
1932	..	608	103,590	4,566	332,623	72	3,763
1937	..	664	115,022	4,746	351,376	61	4,111
Percentage of increase since 1912	..	72	130	45	50	307	431

APPENDIX III—*contd.*Statistical summary of the progress of education
in the Central Provinces and Berar

TABLE II

Increase in expenditure on education.

Year	University and Colleges	High Schools	Middle Schools	Primary Schools	Special Schools	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1912	.. 1,58,775	2,16,296	5,61,570	10,30,075	1,08,413	20,75,129
1917	.. 2,90,489	3,45,734	8,28,946	14,31,206	2,14,055	31,10,430
1922	.. 5,40,949	4,97,746	15,66,243	25,11,515	4,75,102	55,91,555
1927	.. 8,04,247	6,49,681	18,55,491	29,09,144	4,92,151	67,10,714
1932	.. 9,02,594	8,90,716	21,42,916	30,96,389	4,46,460	74,79,075
1936	.. 10,00,522	10,41,248	22,45,185	31,51,222	4,63,152	79,01,329
Percentage of increase since 1912.	536	396	300	206	327	281

Statistical summary of the progress of education
in the Central Provinces and Berar

TABLE III

The sources of funds for education.

Year	Govern- ment Funds	Board Funds	Municipal Funds	Fees	Other Sources	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1912	.. 4,80,118	9,29,265	2,23,750	2,03,180	2,38,816	20,75,129
1917	.. 7,75,396	13,05,028	3,89,764	4,17,821	2,22,421	31,10,430
1922	.. 36,11,435	7,68,583	4,39,772	4,37,902	3,33,863	55,91,555
1927	.. 39,00,540	9,53,237	5,59,180	9,13,730	3,84,027	67,10,714
1932	.. 32,49,449	17,00,425	7,67,604	13,47,838	4,13,759	74,79,075
1936	.. 32,94,310	16,45,625	8,86,858	16,29,637	4,44,899	79,01,329
Percentage of increase since 1912.	586	77	297	702	86	281

APPENDIX III—concl'd.

**Statistical summary of the progress of education
in the Central Provinces and Berar**

TABLE IV

Cost per pupil per year in different kinds of Educational Institutions.

The stage of education	Cost per head		
	1912	1917	1922
(1)	(2)	(3)	(4)
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Collegiate ..	222 6 0	215 10 4	556 14 4
2. High School ..	69 12 8	70 3 5	164 12 2
3. Middle School ..	11 4 1	16 3 11	39 14 1
4. Primary School ..	4 8 2	5 10 2	10 6 0
5. Special School ..	151 14 7	199 10 10	258 3 4

The stage of education	Cost per head			Increase since 1912
	1927	1932	1936	
(1)	(5)	(6)	(7)	(8)
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Per cent
1. Collegiate ..	438 12 2	376 8 9	305 7 9	37
2. High School ..	132 8 6	114 14 10	109 14 8	57
3. Middle School ..	21 13 7	22 1 3	20 14 2	85
4. Primary School ..	10 12 4	10 4 4	10 0 6	127
5. Special School ..	209 5 4	148 9 2	142 2 6	—6

**Statistical summary of the progress of education
in the Central Provinces and Berar**

TABLE V

*Government contribution and percentage to total Government
Revenues as compared with other provinces in India.*

Name of province	Expenditure on education in lakhs of rupees		Percentage to revenue	
	1927	1935	1927	1935
(1)	(2)	(3)	(4)	(5)
Madras ..	202	251	13.3	15.3
Bengal ..	148	132	14.0	11.3
Bombay ..	199	180	13.6	15.3
United Provinces ..	196	207	17.2	17.2
Punjab ..	151	159	13.9	15.2
Central Provinces ..	61	48	10.40	9.40

Figures for the Central Provinces are taken from the Central Provinces General Administration Department Reports.

APPENDIX IV

Trained and untrained teachers in primary schools

TABLE I

The number of trained and untrained teachers in district council primary schools.

Name of Circle and District	Number of teachers			Percentage of trained teachers
	Trained	Untrained	Total	
(1)	(2)	(3)	(4)	(5)
Nagpur Circle—				
Nagpur ..	282	32	314	89.8
Wardha ..	192	21	213	90.1
Chanda ..	134	175	309	43.0
Betul ..	107	48	155	69.0
Chhindwara ..	348	44	392	88.7
Total ..	1,063	320	1,383	76.8
Jubbulpore Circle—				
Jubbulpore ..	314	69	383	81.9
Saugor ..	444	58	502	88.4
Mandla ..	146	40	186	78.4
Nimar ..	190	21	211	90.4
Hoshangabad ..	475	139	614	77.4
Total ..	1,569	327	1,896	82.7
Chhattisgarh Circle—				
Raipur ..	409	367	776	52
Bilaspur ..	430	161	591	73
Drug ..	237	78	315	75
Bhandara ..	118	307	425	38
Balaghat ..	203	120	323	63
Total ..	1,397	1,033	2,430	57.5
Berar Circle—				
Amraoti ..	425	263	688	62
Akola ..	253	418	671	38
Buldana ..	283	323	606	47
Yeotmal ..	151	278	429	35
Total ..	1,112	1,282	2,394	46.4
Grand Total ..	5,141	2,962	8,103	63.4

APPENDIX IV—*concl'd.*

Trained and untrained teachers in primary schools

TABLE II

The number of trained and untrained teachers in municipal primary schools.

Name of Circle and District	Number of teachers			Percentage of trained teachers
	Trained	Untrained	Total	
(1)	(2)	(3)	(4)	(5)
Nagpur Circle—				
Nagpur ..	344	54	398	87.0
Wardha ..	103	57	160	64.3
Chanda ..	54	9	63	85.7
Betul ..	27	8	35	77.1
Chhindwara ..	50	20	70	71.4
Total ..	578	148	726	79.6
Jubbulpore Circle—				
Jubbulpore ..	152	21	173	87.8
Saugor ..	127	17	144	88.1
Hoshangabad ..	110	42	152	72.3
Mandla ..	12	7	19	63.1
Nimar ..	112	54	166	67.4
Total ..	513	141	654	78.4
Chhattisgarh Circle—				
Raipur ..	86	25	111	77.5
Bilaspur ..	54	12	66	82
Drug ..	24	4	28	86
Bhandara ..	84	14	86	85
Balaghat ..	16	4	20	75
Total ..	264	59	323	81.7
Berar Circle—				
Amraoti ..	124	126	250	50
Akola ..	80	87	167	48
Buldana ..	80	71	151	53
Yeotmal ..	82	80	162	51
Total ..	366	364	730	50.1
Grand Total ..	1,721	712	2,433	70.7

TABLE III

The number of trained and untrained teachers in aided primary schools.

Name of Circle and District	Number of teachers			Percentage of trained teachers
	Trained	Untrained	Total	
(1)	(2)	(3)	(4)	(5)
Nagpur Circle ..	53	104	157	33.8
Jubbulpore Circle ..	48	33	81	59.3
Chhattisgarh Circle ..	80	87	167	47.9
Berar Circle ..	Nil	71	71	Nil
Total ..	181	295	476	38.0

APPENDIX V

Single teacher primary schools

(1)		Number of schools	Number enrolled	Number of teachers
		(2)	(3)	(4)
Primary Schools in the province	..	4,746	351,376	12,286
Single Teacher Primary Schools	..	945	30,630	945

No. of teachers teaching more than one section or class— 6,715

Average number of pupils in charge of each teacher in a single teacher school—82.4

APPENDIX VI
Scholars by classes and ages for the year 1931-32

Ages	Primary				Middle			
	I	II	III	IV	V	VI	VII	VIII
Below 5	2,054	17	..	..	..	..	..	..
5 to 6	18,705	1,087	46	..	..	..	..	..
6 to 7	36,781	6,498	799	18	..	..	..	..
7 to 8	40,321	15,269	4,671	435	12	..	..	..
8 to 9	30,128	20,613	10,791	2,615	112	19	2	1
9 to 10	17,501	18,924	15,079	7,174	662	94	11	2
10 to 11	8,973	12,931	15,091	11,311	1,890	519	58	5
11 to 12	3,883	7,293	12,398	13,011	2,997	1,326	367	72
12 to 13	1,488	3,890	7,696	11,573	3,368	1,985	1,014	224
13 to 14	547	1,509	4,100	8,503	3,004	2,492	1,695	602
14 to 15	216	562	1,996	5,207	2,223	2,392	2,176	1,027
15 to 16	61	244	905	2,822	1,350	1,968	2,217	1,134
16 to 17	22	48	330	1,331	706	1,166	1,882	1,164
17 to 18	7	19	59	530	324	706	1,246	813
18 to 19	11	6	12	158	125	242	728	468
19 to 20	2	3	3	50	45	106	310	243
Over 20	2	8	3	26	17	40	160	126
Total	160,702	88,921	74,189	64,764	16,835	13,055	11,866	5,881

European scholars are included in the above figures.

	High			Total for Primary, Middle and High	Intermediate		Degree		Post-graduate		Total	Grand total	
	IX	X	XI		1st year	2st year	1st year	2nd year	1st year	2nd year			
Below 5	2,071	..	..	..	..	..	..	..	2,071	
5 to 6	19,838	..	..	..	..	..	..	..	19,838	
6 to 7	44,096	..	..	..	..	..	..	..	44,096	
7 to 8	60,708	..	..	..	..	..	..	..	60,708	
8 to 9	64,191	..	..	..	..	..	..	..	64,191	
9 to 10	..	3	..	59,750	..	..	..	..	..	..	..	59,750
10 to 11	..	5	..	51,083	..	..	..	..	..	..	..	51,083
11 to 12	..	9	1	41,060	..	..	..	..	..	..	..	41,060
12 to 13	..	29	20	31,291	..	..	..	..	..	..	..	31,291
13 to 14	..	143	34	22,640	..	..	..	..	..	..	..	22,640
14 to 15	..	369	138	16,342	..	..	..	..	..	..	..	16,342
15 to 16	..	602	353	11,770	7	1	..	..	..	..	8	11,778
16 to 17	..	687	493	8,135	36	3	1	..	..	..	40	8,175
17 to 18	..	615	594	5,308	89	23	3	1	1	..	117	5,425	
18 to 19	..	399	438	2,964	128	75	13	1	..	..	217	3,181
19 to 20	..	200	344	1,681	117	99	49	23	2	..	290	1,971	
Over 20	..	131	309	1,398	185	343	258	274	53	30	1,143	2,541	
Total	..	3,192	2,724	2,197	4,44,326	562	544	324	299	56	30	1,815	446,141

European scholars are included in the above figures.

APPENDIX VII

Appointments in Government services in 1935-36

TABLE I

Provincial services.

Name of the Department	Total number of posts	Total appointments made during 1935-36					Total
		Graduates	Inter passed	Matric passed	Vernacular final passed	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Education Department—							
(a) Men's Branch ..	101	10	..	..	..	..	10
(b) Women's Branch ..	7	1	..	..	..	..	1
(c) General Service, Engineering School, Nagpur.	5	1	..	..	..	..	1
2. Medical Department ..	71	1	1	..	..	..	2
3. Civil Veterinary Department.	5	1	..	..	..	..	1
4. Appointments Department, Central Provinces and Civil Secretariat.	96	7	3	..	..	1	11
5. Excise Department ..	21	..	..	..	..	..	..
6. Co-operative Societies ..	5	1	..	..	..	..	1
7. Government Printing ..	2	1	..	..	..	..	1
8. Agriculture Department ..	24	..	..	..	..	..	..
9. Public Health Department	3	..	..	..	..	..	..
10. Posts and Telegraphs Department, Central.	15	..	..	..	..	..	..
11. Judicial Department ..	119	9	..	..	..	..	9
12. Industries Department ..	13	..	..	1	..	..	1
13. Public Works Department	37	..	..	..	..	..	..
14. Jail Department ..	4	..	..	..	..	..	..
15. Survey and Settlement and Land Records Department.	4	..	..	..	..	..	..
16. Forest Department ..	29	..	..	..	..	..	..
17. Income-Tax Department ..	16	..	..	..	..	..	..
18. Police Department ..	19	1	..	..	..	..	1
Total ..	596	33	4	1	..	1	39

APPENDIX VII—*contd.*

Appointments in Government services in 1935-36

TABLE II

Subordinate services

Name of the Department (1)	Total number of posts (2)	Total appointments made during 1935-36					Total (8)
		Graduates (3)	Inter passed (4)	Matric passed (5)	Vernacular final passed (6)	Others (7)	
1. Education Department—							
(a) Men's Subordinate Educational Service.	806	67	14	18	..	..	99
(b) Women's Subordinate Educational Service.	40	..	1	7	..	..	8
2. Medical Department ..	355	..	..	13	..	1	14
3. Civil Veterinary Department.	152	..	..	6	..	..	6
4. Excise Department ..	286	1	3	9	..	..	13
5. Co-operative Societies ..	55	6	..	..	..	..	6
6. Government Printing ..	253	..	2	7	94	..	103
7. Public Works Department—							
(a) Permanent ..	360	..	..	5	..	..	5
(b) Temporary ..	43	..	..	4	..	1	5
8. Agriculture Department ..	162	10	..	..	..	..	10
9. Public Health Department	55	..	..	..	..	..	..
10. Posts and Telegraphs Department.	363	..	1	2	..	..	3
11. Industries Department ..	91	..	..	2	3	..	5
12. Revenue Department—							
(a) Commissioner, Nagpur Division.	70	6	..	..	..	..	6
(b) Commissioner, Chhattisgarh Division.	59	4	..	..	..	..	4
(c) Commissioner, Jubbulpore Division.	71	2	..	..	..	..	2
(d) Commissioner, Berar Division.	61	1	..	..	..	..	1
13. Survey and Settlement and Land Records Department.	46	..	..	..	..	..	..
14. Forest Department ..	3,280	..	4	38	73	..	115
15. Income-Tax Department ..	20	..	..	..	..	..	..
16. Police Department ..	11,525	10	21	78	504	..	613
Total ..	17,153	107	46	189	674	2	1,018

APPENDIX VII—*contd.*

Appointments in Government services in 1935-36

TABLE III

Ministerial services

Name of the Department	Total number of posts	Total appointments made during 1935-36					Total
		Graduates	Inter passed	Matric passed	Vernacular final passed	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Education Department—							
(a) Director of Public Instruction's Office.	34	..	1	4	..	..	5
(b) Subordinate Offices ..	122	1	..	15	1	..	17
2. Office of Legal Remembrancer to Government.	11	..	..	2	..	..	2
3. Office of Secretary to Government, Central Provinces Legislative Council.	10	..	..	..	..	..	..
4. Medical Department ..	96	1	..	..	..	..	1
5. Civil Veterinary Department.	11	..	..	..	..	..	..
6. Appointments Department, Civil Secretariat.	148	4	1	..	..	1 (Lady Typist)	6
7. Excise Department ..	16	1	1	..	..	..	2
8. Agriculture Department ..	67	..	..	2	..	..	2
9. Public Health Department	21	..	..	..	..	..	..
10. Posts and Telegraphs Department.	2,051	..	3	32	..	..	35
11. Industries Department ..	38	..	..	..	..	..	..
12. Public Works Department—							
(a) Permanent ..	463	1	..	22	..	5	28
(b) Temporary ..	11	..	..	..	..	1	1
13. Registrar's Office, Co-operative Societies.	24	..	1	1	..	..	2
14. Office of Village Panchayat Officer.	1	..	..	..	..	..	..
15. Office of Secretary, Village Uplift Board.	1	1	..	..	..	..	1
Total ..	3,125	9	7	78	1	7	102

APPENDIX VII—concl'd.

Appointments in Government services in 1935-36

TABLE III—concl'd.

Ministerial services—concl'd.

Name of the Department	Total number of posts	Total appointments made during 1935-36					Total
		Graduates	Inter passed	Matric passed	Vernacular final passed	Others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16. Office of Registrar of Firms	1	1	..	..	..	..	1
17. Office of Registrar of Joint Stock Companies.	2	..	..	..	..	..	..
18. Government Printing	.. 35	1	..	..	..	..	1
19. Jail Department	.. 46	..	..	1	..	..	1
20. Revenue Department—							
Nagpur Division	.. 331	1	1	23	1	1	27
Berar Division	.. 383	2	1	27	..	..	30
Commissioner's Office—							
Jubbulpore	.. 14	..	..	1	..	..	1
Chhattisgarh Division	.. 294	..	..	16	5	..	21
Mandla	.. 46	..	..	..	..	..	..
Nimar	.. 54	..	..	2	..	..	2
Saugor	.. 87	..	..	3	..	1	4
Jubbulpore	.. 63	..	2	5	..	..	7
Hoshangabad	.. 91	..	..	7	..	..	7
21. Judicial Department—							
(a) High Court—							
Permanent	.. 88	7	1	11	..	1	20
Temporary	.. 12	..	..	1	..	..	1
(b) District and Session Judges Office.	832	..	3	45	5	..	53
22. Survey and Settlement and Land Records Department.	24	..	..	..	..	..	..
23. Police Department	.. 245	..	..	13	..	..	13
24. Forest Department	.. 361	..	..	9	..	..	9
25. Income-Tax Department	.. 75	..	..	1	..	..	1
Total	.. 6,209	21	15	243	12	10	301