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The All-India Co-operative Institutes' Association The Indian Co-operative Series—Vol. III.

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## THE CO-OPERATIVE MOVEMENT IN INDIA

# THE CO-OPERATIVE MOVEMENT IN INDIA

Its Relation to a Sound National Economy

BY ELEANOR M. HOUGH, Ph.D.

With an Introduction by

THE RIGHT HONOURABLE SIR HORACE PLUNKETT, K.C.V.O., D.L., P.C., F.R.S., Hon. D C.L. (Oxon.), Hon. LL.D.,

and a Foreword by

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THIS BOOK IS DEDICATED TO ALL UNSELFISH
WORKERS FOR THE CAUSE OF CO-OPERATION,
IN WHICH, IN ITS BROADEST ASPECT,
LIES THE HOPE, NOT ALONE OF THE
GREAT COUNTRY OF INDIA,
BUT OF THE WORLD.

#### INTRODUCTION

By the Rt. Hon. Sir Horace Plunkett, K.C.V.O.

In December last a young American lady, passing through London on her way from India to the United States, called upon me. She told me that she had written a book upon "The Co-operative Movement in India," and that if I would write a brief Introduction, she would be greatly obliged. She was unknown to me; I was in poor health and in hopeless arrears with some literary work I had hoped to do. She explained that she had spent the greater part of a year in India; that her book was a "thesis" required for the Degree of Doctor of Philosophy at the George Washington University; and that her request was prompted by the frequent evidences, brought to her notice in the course of her Indian studies, of my keen interest in her subject. I could not do more than promise to consider her request. me a ponderous tome in typescript and a most favourable impression of my strange visitor. With thanks in anticipation and a charming courtesy, she wished me better health and was gone.

From her ship she wrote that an eminent firm of London publishers had taken her book and would send me the proofs. These came in due course, together with an admirable Foreword by Professor Kaji, which seemed to take all the wind out of my sails. Nevertheless, I set to work upon the formidable task of reading the book, and I simply could not put it down. I soon came to the reason for my suggested intervention. In 1928 I had written a Memorandum upon Co-operation for the Royal Commission upon Indian Agriculture, over which Lord Linlithgow presided; and Miss Hough, in her exhaustive search, had procured a copy.

I had prefaced my essay with an account of the agricultural

co-operative movement in Ireland from its origin in 1889. I did so because some Indian students had taken a keener interest in our endeavour to reorganise Irish agriculture upon co-operative lines than had any other outsiders. particularly were they interested in our work among the more backward peasantry along the western seaboard of the island, where they found a rural community with so many characteristics with which they were familiar at home that some of them told me the Irish Celt must have migrated from the East in prehistoric times. In both countries the prosperity of every section of the population depended, directly or indirectly, upon the amount of wealth produced from the soil, upon the efficiency of its production and the economy of its distribution. We told them of the two fundamental principles upon which our efforts were based—namely, the immeasurably more effective value of organised voluntary action than of State assistance, however essential this might be; secondly, we insisted upon regarding and treating agriculture in three aspects—as an industry, as a business, and as a life. We had not vet adopted our formula, Better Farming, Better Business, Better Living.

I must, however, restrict the mention of my own opinions to those which appear to have appealed to Miss Hough. She notes, not apparently with disagreement, my submission that the widely spread and numerously supported Indian Co-operative Movement would more accurately be called a Co-operative *Policy*. It was created by "resolutions" (to all intents and purposes laws) of the Central Government and has been administered almost wholly by the ablest civil service in the world. A huge posse, now nearly all Indian, of Registrars, Assistant Registrars, Auditors and Accountants, inspects, supervises, and largely controls the co-operative societies scattered over the continent. These societies are so predominantly for the purpose of credit that comparatively little attention has been given to the other cooperative objects and functions needed to bring the movement into the co-operative category. It could not have been otherwise, since indebtedness and its relief is necessarily the primary purpose in view. All the talk about "Indianisation" and "de-officialisation" but leads to the general conclusion that Indian organisers will have to be trained gradually to build up an indigenous and spontaneous movement upon the foundations laid. In such a development, which Miss Hough realises it will take a generation or more to achieve, she visualises tremendous possibilities, which His Majesty may well have had in mind when, at the Durbar at Delhi in 1911, he declared that, "if the system of cooperation can be introduced and utilised to the full, I foresee a great and glorious future for the agricultural interests of the country."

It would be impossible in brief space to give an adequate summary of the contents of this remarkable survey; but I feel bound to add a few words in appreciation of its quality. As I recalled my own relatively exiguous effort to grasp the actual achievement and future potentialities of the attempt to apply to Indian conditions the principles and methods of co-operation as they have been worked out in the West, I became more and more fascinated with this latest contribution to India's co-operative problems. Miss Hough was not appalled, as I was, by the voluminous literature on the subject, but determined to master it. She embarked upon an itinerary which brought her into personal touch with typical communities with which the central and local governments were seeking to try out their co-operative experiments. The interested student will not fail to observe how, in the Appendices, many books of reference and innumerable official documents are listed—not, as is a too common practice, in order to impress the reader with the comprehensiveness of the documentation, but to enable him to find the relevant needles in the huge stacks of hay. Close upon a thousand notes give the authorities upon which she relies for statements made.

The supreme merit of the work is its placing of co-operation in its proper setting—that is, as one factor of immense present and far greater prospective importance in the national economy of a country whose future prosperity depends mainly upon the organisation of the overwhelming majority of the population engaged in the production of

food and the raw material of some industries. While full account is taken of the social conditions, the illiteracy, the racial, linguistic, and other complexities which bulk so largely in the political difficulties, there is the most skilful avoidance of controversial politics. I give it as my humble opinion that all who are genuinely concerned for the welfare of India's millions of peasant folk and wish to grasp their baffling economic problems, with due regard to the eternal human factor, will do well to follow the trail this enterprising thesis has so finely blazed.

HORACE PLUNKETT.

The Horace Plunkett Foundation, 10 Doughty Street, London, W.C. 1. March 1932.

#### **FOREWORD**

By H. L. Kaji, M.A., B.Sc., Professor, Sydenham College of Commerce and Economics, Bombay.

It is a welcome sign of the times that investigators and workers are taking more and more to the careful study of the Co-operative Movement in India and placing their observations and conclusions before the public. The movement has now been with us for over a quarter of a century and stands now at the parting of ways. Mistakes, indifference, or inertia at this stage would be calamitous indeed. It is very gratifying, therefore, to find serious workers attempting in an ever larger measure to carefully study the Movement and to publish the results of their study in a desire to prevent any further complacent drifting or groping in the dark. The increase in the volume and the improvement in the quality of co-operative literature in recent years is thus a very hopeful sign indeed.

The present volume is the result of the study of the Cooperative Movement in India by a qualified American investigator, and is a very welcome addition to recent cooperative literature, particularly as it represents a dispassionate examination of the movement without any bias, communal or regional. It is not a "tourist production," but is the result of a very careful study indeed of Co-operation and its problems in India, not merely by reading a number of books, reports and pamphlets, but also by personal discussions with eminent co-operative workers and by observations made during visits to typical co-operative organisations.

The unprecedented fall in the prices of agricultural produce, the general trade depression and the economic crisis throughout the world have affected India profoundly

and the Co-operative Movement has been put to a strain unparalleled in character and magnitude, and co-operators are watching with anxiety how it stands that strain. The financial structure of the movement in India links up the individual to his primary society, the society to its central financing agency, and this to the apex bank of the Province. The inability of the individual agriculturist to meet his obligations in the matter of the repayment of loans thus causes troubles and difficulties to the primary society, the central financing agency and the Provincial Bank, and the figures for overdue loans are mounting up high enough to cause serious anxiety. The political situation in the country further aggravates the position and adds unwillingness to his inability to repay. The financial stringency of the Central and Provincial Governments, leading to increased taxation and to drastic cuts in establishments and in salaries. precludes the possibilities of increasing the staff of the Cooperative Departments in the Provinces adequately to enable effective supervision and administration to be carried on. Even apart from all these factors, various weaknesses of the Co-operative Movement had begun to make their influences felt. The Movement in Burma has practically collapsed; the situation in the United Provinces of Agra and Oudh is serious and the picture in the rest of the country is none too rosy. The financial, political, and economic crisis superimposed upon this fabric creates a problem thus of unparalleled magnitude, so that even Provincial Banks like those of Bombay and Bengal are feeling the strain. The Committees of Enquiries into the Co-operative Movement in the different Provinces and Indian States that sat at different times between 1922 and 1930, the Royal Commission on Agriculture of 1926-28 and the Central and Provincial Banking Enquiry Committees of 1928-31 have thrown searchlights on the co-operative situation, found mistakes, exposed weaknesses and suggested remedies.

The evaluation of the Co-operative Movement in the present volume is a clear exposition of its handicaps and weaknesses and is a digest of opinions of Commissions, committees, reports, and individuals. The suggestions offered

Foreword xiii

for strengthening the Movement and removing the handicaps are quite sound.

A broader view, however, of the position and requirements can be obtained if we do not go into details. To anyone who has been carefully watching the Movement and who has been in close touch with its working, it must be fairly obvious that Co-operation has not so far become the live force in the rural economy of India that it ought to have become, and that its sponsors originally hoped it would. To identify Co-operation with the lending operations of a co-operative credit society is to misunderstand entirely the aims and ideals of the Co-operative Movement, which, though essentially an economic movement, has a moral background of vital importance to the healthy progress of societies. A successful society in a village financing the needs of its members may be a good banking institution, a good though tiny business concern, but it is not a co-operative organisation. Unless the co-operative society becomes a dominant force in the village, unless its inhabitants learn to look up to it as a potent means for the betterment of their life, unless they recognise in it a powerful instrument for better farming, better living, and better business, not much good can come out of the movement. Co-operation cannot thus succeed really, unless the outlook of the people is radically changed, unless their fatalistic. listless attitude towards life, their blind adherence to tradition and custom, in matters social and agricultural, is removed, and unless they see in the co-operative society not a quasi-governmental, quasi-paternal financing agency, but their own institution. Rural reconstruction and mass education as distinguished from rural literacy must therefore be the immediate objectives if Co-operation is to lift the masses—the rural population, from the despondence of ages and make them fit citizens of the India of to-day and tomorrow, contributing to its progress towards the achievement of political freedom and economic prosperity. The problem of rural reconstruction and rural education is a stupendous problem, sought to be solved so far by a few benevolently inclined social servants, each in his own way.

It must be remembered, however, that the vast field cannot be covered by a few Braynes and Gurgaons, by even a few Tagores and Vishwabharatis, but by the people themselves. and for this there is no force so potent as the co-operative society of the village. For this purpose, however, we cannot afford to parcel out the agriculturist into a bundle of different needs, each being met by a different type of institution. It cannot serve our purpose if there is a credit society for financing his current agricultural needs, a sales society or a sales union for the co-operative marketing of his produce, an artisan's society for his subsidiary occupation, an insurance society for his cattle, a co-operative store for the purchase of his household requirements, a better-living society for social reform, an anti-malarial society for improvements in sanitation, and so forth. The energy, the ability, the leadership. the identity of interests, the sense of "All for each and each for all," so essential for the germination and fostering of the co-operative spirit and the building up of a sound cooperative structure, we cannot afford to dissipate on several different institutions, however good each one of them might There must be one, and only one, society for a village catering to all the needs of the people. The sowcar, whom co-operation seeks to replace, is not merely the usurer. He is the tradesman and the dalal, as also the adviser and guide of the people there. There is a human bond between the sowcar and the people, and if we would displace him, we must substitute for him an agency that would take his place in every direction, that would do all that he did, and that too in a better way, that would not only be an economic organisation, but be the village panchayat modernised in a sense, functioning as a council of elders, arranging for finance, purchase, and sale, as also for sanitation, medical relief, cattle insurance, life insurance, social reform, and not merely in theory but in actual practice carrying out a policy of rural reconstruction. Then, and then only, will the co-operative society be a live force in the village; then, and then only, will Co-operation stand out triumphant.

To achieve this purpose, progressive deofficialisation of

the Movement is a matter of immediate concern. The real problem before the Movement is not how to achieve greater efficiency in the machines that have been created, but to vitalise them, to infuse the soul in them so as to make them living organisms in the rural economy of the country. Efficiency through greater official strictness is not the test of real success so much as creating a village community sense among the people and focussing it in the management of the village co-operative society—a multiple-purpose society, rather a comprehensive society—and in the gradual effacement of all official intrusion and paternalism. It is not the cancellation of bad societies that spells success, so much as the cancellation of good societies—cancellation in this case being a recognition of the fact that these do not require official guidance and patronage or concessions and privileges from the State, and that these could be left with safety to themselves, registered under the ordinary law of the land. Speedy effacement, when conditions are ripe, should be the goal, not tightening of the official control. Of course this cannot be achieved at once or even, for the matter of that, in the immediate or near future. But the goal of a deofficialised movement must always be kept up before them by the friends, philosophers, and guides of the Movement of to-day.

One more point strikes one as almost obvious. The Co-operative Movement has been with us now for over twenty-five years. Though credit societies dominate the field, non-credit co-operation is fast developing; even problems of co-operative finance, both long-term and short-term, are becoming more and more complicated; new and complex situations are arising. Under these circumstances, the Co-operative Movement in a Province, often as large and as populated as some of the European or American States, is no longer a one man's job, however gifted that one man might be. If Co-operation is to be, as Sir Horace Plunkett says, an integral part of a comprehensive agricultural policy, and if Co-operation is to lead to rural reconstruction, it should be directed not by an individual, but by a Committee, a Board, a Cabinet. The Registrar

xvi Foreword

of Co-operative Societies, the Director of Agriculture, th Director of Industries, the Director of Public Health an such other heads of departments which are connected wit problems of rural welfare naturally all ought to find a plac on this Board of Rural Welfare. The Chairmen of th Provincial Co-operative Bank and the Provincial Co-oper ative Institute or Union would be excellent and necessar members too. With such a membership and the co-optio of a few more members as experts in co-operative economics and with the Minister of Agriculture and Co-operation a President, the Board of Rural Welfare would be a very usefu co-ordinating body, laying down the policy, taking periodical stock of the situation, settling the programmes and leading up to a progressive deofficialisation of the Move ment, in which the ultimate solution of the co-operativ problems of to-day largely lies.

Even as it is, the position is very far from being hopeless or even gloomy. The Registrars, assisted by workers, stipendiary and honorary, have striven, and ver often successfully, to guide the Movement on right lines, to evoke a sense of responsibility among the village people, to foster the community-sentiment, inherent in Indian culture and so helpful to co-operation, to experiment with successfu credit societies attempting to expand their scope to non credit activities such as purchase and sale. The success so far achieved is very encouraging indeed. A succession o able Registrars has brought the Punjab in the forefront a regards progress in Co-operation and has been responsible for a notable contribution to the Co-operative Movemen in India by successfully bringing about consolidation o holdings through Co-operation. The development of Co operative Housing, and of Co-operative Urban Banking ir Bombay, the Anti-malarial co-operative organisations and the milk societies of Bengal, the system of supervising union evolved in Madras, are all evidences of very good work done so far. Co-operation has taken root in the soil and has come to stay. The plant is being watered carefully and has begun flowering in very many cases. It is growing and branching out quickly and the danger lies in this very expanForeword xvii

sion and development. It is to meet this danger that one perceives the need for a well-directed campaign of adult education in rural areas, for making co-operative societies centres for rural reconstruction work, for fostering the sense of village responsibility for village welfare and for progressive deofficialisation. The recent political awakening of the village population is a hopeful sign in this, that the awakened masses, when things settle down a bit, would be more conscious and responsive to their economic needs and cooperate more effectively towards making their co-operative institutions successful. It is this rapid development in various directions of the Co-operative Movement in India, and the very vast scope it has for about 90 per cent. of India's 350 millions who live in rural areas, that suggest the need for a change, so that instead of doing things well for them, the co-operative leaders, official and non-official, might direct their energies to raising them to the level where they could take care of themselves and take up the responsibilities of further expansion, development, diversification and ordered progress of the Co-operative Movement.

H. L. Kaji.

#### **AUTHOR'S PREFACE**

This study was made as part of the work for the degree of Doctor of Philosophy from the George Washington University of Washington, D.C.

It is impracticable to make specific acknowledgment of the help received from individual workers in the Indian Co-operative Movement, for wherever I turned during my stay in India I met with unfailing courtesy and co-operation from all connected with it.

I wish, however, to take this opportunity of expressing my hearty thanks to all of those busy people who gave me so generously of their time in interviews and correspondence, and my gratitude to the staff of the Provincial Co-operative Institute of Bombay, who were tireless in meeting my demands upon the facilities of their excellent library, and to the Hyderabad Central Co-operative Union, my hosts at the Conference held in Hyderabad (Deccan), April 4-5, 1931, of the All-India Co-operative Institutes' Association.

If my findings are of any assistance to the cause of Cooperation in India, that will be their best reward.

ELEANOR M. HOUGH.

Bombay, November 17, 1931.

#### CONTENTS

INTRODUCTION BY THE RT.	Uov	S	Uona	D-	T 12.1 V. T.		PAGE
K.C.V.O	· HON.	. SIK	noka:	CE PI	UNKE		vii
Foreword by Professor	H. L.	Kaji	M.A				хi
Author's Preface .			•				xix
CHAP. I. INDIA'S PRES	ENT	NAT	'ION	AL E	CON	OMY	7
A. General Characterisa	MOITA						1
B. Fundamental Features	S						1
1. The Geographic Backgrou	nd.				•		I
a. Area			•				I
b. Topography and Soi	1						2
c. Climate							2
d. Mineral Resources							3
e. Leading Natural Pro	ducts	•	•	•	•		3
2. The Social Background					•		4
a. Population .					•		4
b. Religions	×.						6
c. Castes	•		•				6
d. Languages .				•			7
e. Education .	•	•	•				7
f. Customs	•	•	•	•	•	•	8
3. The Economic Background	d				•		10
a. Finance	xxi	•	•	•	•	•	10

						PAGE
b. Systems of Land Holding	•	•	•	•	•	17
c. Trade	•	•	•	•		19
i. Internal Trade .	•	•	•	•		19
ii. Foreign Commerce	•	•	•	•	•	20
d. Transportation .	•	•	•	•	•	20
4. The Industrial Background				•		22
a. Occupational Distribution		•				22
b. England's Economic Polic	у Точ	wards :	India			24
c. India's Stage of Industrial	isatio	n				25
5. The Political Background	•					27
a. Historical Review .						27
b. Present Government.						29
c. The Nationalist Movement	t	•	•	•		31
C. FACTORS CONDITIONING A SOU	IND E	CONON	ИΥ			33
1. One-Industry Concentration						33
2. Antiquated Methods of Cultivation	on					34
3. Inadequate Distribution System						34
4. Defects of Education System						35
5. Low Standard of Living .						36
6. Indebtedness and Usury .		•				38
CHAP. II. CO-O	PERA	OITA	1			
A. General Aims	•					47
B. THE DEVELOPMENT OF CO-C	)PERA	TION	in M	Ioder	N	_
Times	•	•	•	•	•	48
CHAP. III. THE CO-OPERAT INDI		MOV	EME	NT :	IN	
A. Indian Co-operation and th	E ST	ATE	•		•	50
B. HISTORY OF THE CO-OPERATIVE UP TO 1904	⁄е М	• •	NT IN	Indi		50
1. Early Steps Towards Co-operation				•		50
T 1 . T 11 . C						50

Contents		X	xiii
b. Neighbours' Co-operation			PAGE 51
c. Indigenous Nidhis of Madras			51
d. Others			52
2. Takavi Loans			52
3. Nicholson Investigation, 1895-7			54
4. Report of Famine Commission, 1901			54
C. The Legislative Basis of Co-operation			55
1. Co-operative Credit Societies Act of 1904 .			55
2. Co-operative Societies Act of 1912			56
3. Government of India Act of 1919			57
4. Provincial Acts	•	•	57
D. Types of Co-operation in India			59
1. Co-operative Credit		•	59
a. Primary Agricultural Societies			59
i. Objects			59
ii. Membership			6о
iii. Liability			63
iv. Sources of Capital		•	65
v. Credit Policy		•	70
(a) Security			71
(b) Amount of Loans			73
(c) Purposes of Loans			76
(d) Period of Loans			78
(e) Interest Rates			80
(f) Enforcement of Repayment .		`.	82
vi. Disposition of Profits			84
vii. Management			85
viii. Supervision		•	91

xxiv C	Contents
--------	----------

·V				Consta	1113					
b. Uı	ban So	ocietie	s							PAGE 97
i.	Functi	ions								97
ii.	Chief	Points	of Di	fferen	ce fro	m Ru	ral So	cieties	١.	98
	Types		_		_			_		100
	(a) Pe		Bank	·s			•	•	•	100
	(b) E1	_			s		•	•	•	102
	(c) So					ption				105
	(d) So									106
c. Ur	• •					•	•	•	•	108
	Guara	· ntee l	Inion	•		•	•	•	•	108
	Super			_	•	•	•	•	•	110
	Provin	_						•	•	112
	(a) E2				•	•	•	•	•	112
	(b) Fu			•	•	•	•	•	•	112
				Super	· ·		•	•	•	
				-	V151Q1		•	•	•	113
		Prop	_	a Activit	· ion of	· · Uone		Organ		114
	(3)	iser						·		115
	(4)	Educ	ation	in Co	-opera	tive F	rincip	les		118
				g Pub	-		_			118
	(6)	Othe	r Fun	ctions		•				119
	(c) Al	l-Indi	a Co-	operat	ive In	stitute	s' Ass	ociatio	n	120
√iv.	Bankir							•		120
d. Ce	ntral B	anks								121
i.	Liabili	ity								121
ii.	Area					•				122
iii.	Memb	ership	)				•			122
iv.	Source	s of C	apita	i	•		•	•		124
v.	Manag	gemen	t	•						125
vi.	Functi	ons						•		129
vii.	Credit	Polic	y	•			•			132
viii.	Profit	Restri	ctions		_	_				134

•	Conten	its					VXX
ix. Branches .							PAGE 134
x. Supervision.							135
e. Provincial Banks							135
~ i. Membership				•			136
ii. Sources of Capital	١.						137
iii. Management							140
iv. Functions .					•		142
v. Credit Policy			•		•		143
vi. Disposition of Pro	fits	•			•		144
vii. All-India Provinc	ial C	o-oper	ative	Banks	' Asso	)-	
ciation .	•	•	•	•		•	145
f. Prospects for an All-		Co-op	erativ	e Ban	k	•	145
g. Land-Mortgage Bank	ks	•	•	•	•	•	145
i. Importance	•	•	•	•	•	•	145
ii. Extent .	•	•	•	•	•	•	148
iii. Sources of Capita	1	•	•	•	•	•	148
iv. Types .	•	•	•	•	•	•	150
v. Credit Policy	•	•	•	•	•	٠	150
vi. Management	•	•	•	•	•	•	152
vii. Effectiveness	•	•	•	•	•	•	152
2. Other Types of Co-operat	ion	•	•	•	•		153
a. Co-operative Market	ting	•	•	•		•	154
b. Co-operative Purcha	sing	•	•	•	•	•	169
ve. Industrial Societies	•	•	•	•	•	•	177
d. Co-operative Consol					_	•	184
e. Co-operative Societic Land Reclamation	es for	Irriga	tion P	romot	ion ar	nd	186
		•	•	•	•	•	
f. Labour-Contract So			•	•	•	•	187
g. Co-operative Insura			3.	•	•	•	188
h. Co-operative Housing	_	ieties	•	•	•	•	191
i. Better-living Societie	es	•	•	•	•	•	195
j. Other Co-operative	Societ	ies	•	•	•	•	198

•	~
XXV1	Content
WWAT.	~~~~~

A. GROWTH AND PRESENT EXTENT OF CO-OPERATION  B. HANDICAPS OF THE SYSTEM	:	202 213 213 218 218
1. Complexity of the Problem		218
2. Wide-spread Illiteracy and Lack of Business Experience		218
2. Shortage of Funds		219
j. Sherrage of Lunius !		
4. Dependence upon Climatic Conditions		221
C. Weaknesses of the System		221
1. Lack of Spontaneity	•	221
2. Inadequate Provision for Education in Co-operative Principle	•	226
3. Inadequate Provision for Long-Term Credit		228
4. Inadequate Management	•	228
a. Overdue Loan Situation		228
b. Book Transactions	•	236
c. Delayed and Inadequate Finance		236
5. Inadequate Supervision		238
6. Emphasis on Credit		238
7. Failure to Serve Neediest Strata		240
8. Relations Between Official and Non-Official Workers		242
D. ACHIEVEMENTS OF THE INDIAN CO-OPERATIVE MOV	R_	•
MENT		242
1. Effect Upon Money-Lenders		242
2. Saving to Members		244
3. Effect on Members' Morale		248
4. Others		250
CHAP. V. THE POTENTIAL CONTRIBUTION OF THE INDIAN CO-OPERATIVE MOVEMENT	F	252
Summary		256

CHAP. IV. EVALUATION OF THE CO-OPERATIVE

Contents								xxvii			
Appendix A, of 1912)		Co-oper					•	II	264		
Appendix B,	TABLES	3.							278		
GLOSSARY OF	INDIAN	TERMS	3		-	•	•		306		
Bibliography		•	•	•	•	•	•		307		
References	•	•			•	•	•	•	317		
INDEX .	•	•	•	•			•	•	337		

#### APPENDIX A

#### THE CO-OPERATIVE SOCIETIES ACT

(Act II of 1912)

Passed by the Governor-General of India in Council.

(Received the assent of the Governor-General, 1st March, 1912.)

An Act to amend the Law relating to Co-operative Societies.

- Whereas it is expedient further to facilitate the formation of Co-operative Societies for the promotion of thrift and self-help among agriculturists, artisans and persons of limited means, and for that purpose to amend the law relating to Co-operative Societies, It is hereby enacted as follows:
  - I. (1) This Act may be called the Co-operative Societies Act, 1912; and
    - (2) It extends to the whole of British India.
  - In this Act, unless there is anything repugnant in the subject or context—
    - (a) "by-laws" means the registered by-laws for the time being in force and includes a registered amendment of the by-laws;
    - (b) "committee" means the governing body of a registered society to whom the management of its affairs is entrusted;
    - (c) "member" includes a person joining in the application for the registration of a society and a person admitted to membership after registration in accordance with the by-laws and any rules;
    - (d) "officer" includes a chairman, secretary, treasurer, member of committee, or other person empowered under the rules or the by-laws to give directions in
    - regard to the business of the society;
      (e) "registered society" means a society registered or deemed to be registered under this Act;
    - (f) "Registrar" means a person appointed to perform the duties of a Registrar of Co-operative Societies under this Act; and
    - (g) "rules" means rules made under this Act.

- 3. The Local Government may appoint a person to be Registrar of Co-operative Societies for the Province or any portion of it, and may appoint persons to assist such Registrar, and may, by general or special order, confer on any such persons all or any of the powers of a Registrar under this Act.
- 4. Subject to the provisions hereinafter contained, a society which has as its object the promotion of the economic interests of its members in accordance with co-operative principles, or a society established with the object of facilitating the operations of such a society, may be registered under this Act with or without limited liability: Provided that unless the Local Government by general or special order otherwise directs—

(1) the liability of a society of which a member is a registered society shall be limited;

- (2) the liability of a society of which the object is the creation of funds to be lent to its members, and of which the majority of the members are agriculturists, and of which no member is a registered society, shall be unlimited.
- 5. Where the liability of the members of a society is limited by shares, no member other than a registered society shall—
  - (a) hold more than such portion of the share-capital of the society, subject to a maximum of one-fifth, as may be prescribed by the rules; or
  - (b) have or claim any interest in the shares of the society exceeding one thousand rupees.
- 6. (1) No society, other than a society of which a member is a registered society, shall be registered under this Act which does not consist of at least ten persons above the age of eighteen years and, where the object of the society is the creation of funds to be lent to its members, unless such persons—
  - (a) reside in the same town or village or in the same group of villages; or,
  - (b) save where the Registrar otherwise directs, are members of the same tribe, class, caste or occupation.
  - (2) The word "limited" shall be the last word in the name of every society with limited liability registered under this Act.
- 7. When any question arises whether for the purpose of this Act a person is an agriculturist or a non-agriculturist, or whether any person is a resident in a town or village or

group of villages, or whether two or more villages shall be considered to form a group, or whether any person belongs to any particular tribe, class, caste or occupation, the question shall be decided by the Registrar, whose decision shall be final.

8. (1) For purposes of registration an application to register shall be made to the Registrar.

(2) The application shall be signed—

(a) in the case of a society of which no member is a registered society, by at least ten persons qualified in accordance with the requirements of Section 6,

sub-section (1); and

(b) in the case of a society of which a member is a registered society, by a duly authorised person on behalf of every such registered society, and where all the members of the society are not registered societies, by ten other members, or, when there are less than ten other members, by all of them.

(3) The application shall be accompanied by a copy of the proposed by-laws of the society, and the persons by whom or on whose behalf such application is made shall furnish such information in regard to the society as the Registrar may require.

9. If the Registrar is satisfied that a society has complied with the provisions of this Act and the rules and that its proposed by-laws are not contrary to the Act or to the rules, he may, if he thinks fit, register the society and its by-laws.

10. A certificate of registration signed by the Registrar shall be conclusive evidence that the society therein mentioned is duly registered unless it is proved that the registration of

the society has been cancelled.

11. (1) No amendment of the by-laws of a registered society shall be valid until the same has been registered under this Act, for which purpose a copy of the amendment shall be forwarded to the Registrar.

(2) If the Registrar is satisfied that any amendment of the by-laws is not contrary to this Act or to the rules, he may, if he thinks fit, register the amendment.

(3) When the Registrar registers an amendment of the by-laws of a registered society, he shall issue to the society a copy of the amendment certified by him, which shall be conclusive evidence that the same is duly registered.

12. No member of a registered society shall exercise the rights of a member unless or until he has made such payment

to the society in respect of membership, or acquired such interest in the society, as may be prescribed by the rules or by-laws.

13. (1) Where the liability of the members of a registered society is not limited by shares, each member shall, notwithstanding the amount of his interest in the capital, have one vote only as a member in the affairs of the society.

(2) Where the liability of the members of a registered society is limited by shares, each member shall have as many votes as may be prescribed by the by-laws.

(3) A registered society which has invested any part of its funds in the shares of any other registered society may appoint as its proxy, for the purpose of voting in the affairs of such other registered society, any one of its members.

14. (1) The transfer or charge of the share or interest of a member in the capital of a registered society shall be subject to such conditions as to maximum holding as may be prescribed by this Act or by the rules.

. (2) In the case of a society registered with unlimited liability a member shall not transfer any share held by him or his interest in the capital of the society or any part thereof unless—

(a) he has held such share or interest for not less than one year; and

(b) the transfer or charge is made to the society or to a member of the society.

15. Every registered society shall have an address, registered in accordance with the rules, to which all notices and communications may be sent, and shall send to the Registrar notice of every change thereof.

16. Every registered society shall keep a copy of this Act and of the rules governing such society, and of its by-laws, open to inspection free of charge at all reasonable times at the registered address of the society.

17. (1) The Registrar shall audit or cause to be audited by some person authorized by him by general or special order in writing in this behalf the accounts of every registered society once at least in every year.

(2) The audit under sub-section (1) shall include an examination of overdue debts, if any, and a valuation of the assets and liabilities of the society.

(3) The Registrar, the Collector or any person authorized by general or special order in writing in this behalf by the Registrar shall at all times have access to all the books, accounts, papers and securities of a society, and every officer of the society shall furnish such information in regard to the transactions and working of the society as the person making such inspection may require.

- 18. The registration of a society shall render it a body corporate by the name under which it is registered, with perpetual succession and a common seal, and with power to hold property, to enter into contracts, to institute and defend suits and other legal proceedings and to do all things necessary for the purposes of its constitution.
- 19. Subject to any prior claim of the Government in respect of land-revenue or any money recoverable as landrevenue or of a landlord in respect of rent or any money recoverable as rent, a registered society shall be entitled in priority to other creditors to enforce any outstanding demand due to the society from a member or past member—
  - (a) in respect of the supply of seed or manure or of the loan of money for the purchase of seed or manure upon the crops or other agricultural produce of such member or person at any time within eighteen months from the date of such supply or loan;
  - (b) in respect of the supply of cattle, fodder for cattle, agricultural or industrial implements or machinery, or raw materials for manufacture, or of the loan of money for the purchase of any of the foregoing things—upon any such things so supplied, or purchased in whole or in part from any such loan, or on any articles manufactured from raw materials so supplied or purchased.
- 20. A registered society shall have a charge upon the share or interest in the capital and on the deposits of a member or past member and upon any dividend, bonus or profits payable to a member or past member in respect of any debt due from such member or past member to the society, and may set off any sum credited or payable to a member or past member in or towards payment of any such debt.
- 21. Subject to the provisions of section 20, the share or interest of a member in the capital of a registered society shall not be liable to attachment or sale under any decree or order of a Court of Justice in respect of any debt or liability incurred by such member, and neither the Official Assignee under the Presidency-towns Insolvency Act, 1909, nor a Receiver under the Provincial Insolvency Act, 1907, shall be entitled to or have any claim on such share or interest.

22. (1) On the death of a member a registered society may transfer the share or interest of the deceased member to the person nominated in accordance with the rules made in this behalf, or, if there is no person so nominated, to such person as may appear to the committee to be the heir or legal representative of the deceased member, or pay to such nominee, heir or legal representative, as the case may be, a sum representing the value of such member's share or interest, as ascertained in accordance with the rules or by-laws.

Provided that-

(i) in the case of a society with unlimited liability, such nominee, heir or legal representative, as the case may be, may require payment by the society of the value of the share or interest of the deceased member ascertained as aforesaid:

(ii) in the case of a society with limited liability, the society shall transfer the share or interest of the deceased member to such nominee, heir or legal representative, as the case may be, being qualified in accordance with the rules and by-laws for membership of the society, or on his application within one month of the death of the deceased member to any person specified in the application who is so qualified.

(2) A registered society may pay all other moneys due to the deceased member from the society to such nominee, heir or legal representative as the case may be.

(3) All transfers and payments made by a registered society in accordance with the provisions of this section shall be valid and effectual against any demand made upon the society by any other person.

23. The liability of a past member for the debts of a registered society as they existed at the time when he ceased to be a member shall continue for a period of two years from the date of his ceasing to be a member.

24. The estate of a deceased member shall be liable for a period of one year from the time of his decease for the debts of a registered society as they existed at the time of his

decease.

25. Any register or list of members or shares kept by any registered society shall be prima facie evidence of any of the following particulars entered therein:-

(a) the date at which the name of any person was entered in such register or list as a member;

- (b) the date at which any such person ceased to be a member.
- 26. A copy of any entry in a book of a registered society regularly kept in the course of business, shall, if certified in such manner as may be prescribed by the rules, be received, in any suit or legal proceeding, as prima facie evidence of the existence of such entry, and shall be admitted as evidence of the matters, transactions and accounts therein recorded in every case where, and to the same extent as, the original entry itself is admissible.

27. Nothing in section 17, sub-section (1), clauses (b) and (c) of the Indian Registration Act, 1908, shall apply to—

(1) any instrument relating to shares in a registered society, notwithstanding that the assets of such society consist in whole or in part of immoveable property; or

- (2) any debenture issued by any such society and not creating, declaring, assigning, limiting or extinguishing any right, title or interest to or in immoveable property except in so far as it entitles the holder to the security afforded by a registered instrument whereby the society has mortgaged, conveyed or otherwise transferred the whole or part of its immoveable property or any interest therein to trustees upon trust for the benefit of the holders of such debentures; or
- (3) any endorsement upon or transfer of any debenture issued by any such society.
- 28. (1) The Governor-General in Council, by notification in the Gazette of India, may, in the case of any registered society or class of registered societies, remit the income-tax payable in respect of the profits of the society, or of the dividends or other payments received by the members of the society on account of profits;

(2) The Local Government, by notification in the local official Gazette, may in the case of any registered society, or class of registered societies, remit—

(a) the stamp-duty with which, under any law for the time being in force, instruments executed by or on behalf of a registered society or by an officer or member and relating to the business of such society, or any class of such instruments, are respectively chargeable;

(b) any fee payable under the law of registration for the time being in force.

29. (1) A registered society shall not make a loan to any person other than a member:

Provided that with the general or special sanction of the Registrar, a registered society may make loans to another registered society.

(2) Save with the sanction of the Registrar, a society with unlimited liability shall not lend money on the

security of moveable property.

(3) The Local Government may, by general or special order, prohibit or restrict the lending of money on mortgage of immoveable property by any registered society or class of registered societies.

- 30. A registered society shall receive deposits and loans from persons who are not members only to such extent and under such conditions as may be prescribed by the rules or by-laws.
- 31. Save as provided in sections 29 and 30, the transactions of a registered society with persons other than members shall be subject to such prohibitions and restrictions, if any, as the Local Government may, by rules, prescribe.

32. (1) A registered society may invest or deposit its funds—

(a) in the Government Savings Bank, or

- (b) in any of the securities specified in section 20 of the Indian Trusts Act, 1882, or
- (c) in the shares or on the security of any other registered society, or
- (d) with any bank or person carrying on the business of banking, approved for this purpose by the Registrar, or

(e) in any other mode permitted by the rules.

- (2) Any investments or deposits made before the commencement of this Act which would have been valid if this Act had been in force are hereby ratified and confirmed.
- 33. No part of the funds of a registered society shall be divided by way of bonus or dividend or otherwise among its members:
  - Provided that after at least one-fourth of the net profits in any year have been carried to a reserve fund, payments from the remainder of such profits and from any profits of past years available for distribution may be made among the members to such extent and under such conditions as may be prescribed by the rules or by-laws:

Provided also that in the case of a society with unlimited liability, no distribution of profits shall be made without the general or special order of the Local Government in

this behalf.

34. Any registered society may, with the sanction of the Registrar, after one-fourth of the net profits in any year has been carried to a reserve fund, contribute an amount not exceeding 10 per cent. of the remaining net profits to any charitable purpose, as defined in section 2 of the Charitable Endowments Act, 1890.

- 35. (1) The Registrar may of his own motion and shall on the request of the Collector, or on the application of a majority of the committee, or of not less than one-third of the members, hold an inquiry or direct some person authorized by him by order in writing in this behalf to hold an inquiry into the constitution, working and financial condition of a registered society.
  - (2) All officers and members of the society shall furnish such information in regard to the affairs of the society as the Registrar or the person authorized by the Registrar may require.
- 36. (1) The Registrar shall, on the application of a creditor of a registered society, inspect or direct some person authorized by him by order in writing in this behalf to inspect the books of the society.

Provided that-

- (a) the applicant satisfies the Registrar that the debt is a sum then due, and that he has demanded payment thereof and has not received satisfaction within a reasonable time; and
- (b) the applicant deposits with the Registrar such sum as security for the costs of the proposed inspection as the Registrar may require.
- (2) The Registrar shall communicate the results of any such inspection to the creditor.
- 37. Where an inquiry is held under section 35 or an inspection is made under section 36, the Registrar may apportion the costs, or such part of the costs as he may think right, between the society, the members or creditor demanding an inquiry or inspection, and the officers or former officers of the society.
- 38. Any sum awarded by way of costs under section 37 may be recovered, on application to a Magistrate having jurisdiction in the place where the person from whom the money is claimable actually and voluntarily resides or carries on business, by the distress and sale of any moveable property within the limits of the jurisdiction of such Magistrate belonging to such person.

39. (1) If the Registrar, after an inquiry has been held under section 35 or after an inspection has been made under section 36 or on receipt of an application made by three-fourths of the members of a regis-

tered society, is of opinion that the society ought to be dissolved, he may cancel the registration of the society.

(2) Any member of a society may, within two months from the date of an order made under sub-section (1),

appeal from such order.

(3) Where no appeal is presented within two months from the making of an order cancelling the registration of a society, the order shall take effect on the expiry of that period.

(4) Where an appeal is presented within two months, the order shall not take effect until it is confirmed by

the appellate authority.

(5) The authority to which appeals under this section

shall lie shall be the Local Government:

Provided that the Local Government may, by notification in the local official *Gazette*, direct that appeals shall lie to such Revenue-authority as may be specified in the notification.

- 40. Where it is a condition of the registration of a society that it should consist of at least ten members, the Registrar may, by order in writing, cancel the registration of the society if at any time it is proved to his satisfaction that the number of the members has been reduced to less than ten.
- 41. Where the registration of a society is cancelled, the society shall cease to exist as a corporate body—
  - (a) in the case of cancellation in accordance with the provisions of section 39, from the date the order of cancellation takes effect;
  - (b) in the case of cancellation in accordance with the provisions of section 40, from the date of the order.
- 42. (1) Where the registration of a society is cancelled under section 39 or section 40, the Registrar may appoint a competent person to be liquidator of the society.
  - (2) A liquidator appointed under sub-section (1) shall have power—
    - (a) to institute and defend suits and other legal proceedings on behalf of the society by his name of office;

(b) to determine the contribution to be made by the members and past members of the society respectively to the assets of the society;

 (c) to investigate all claims against the society and, subject to the provisions of this Act, to decide questions of priority arising between claimants;

(d) to determine by what persons and in what pro-

portions the costs of the liquidation are to be borne; and

- (e) to give such directions in regard to the collection and distribution of the assets of the society as may appear to him to be necessary for winding up the affairs of the society.
- (3) Subject to any rules, a liquidator appointed under this section shall, in so far as such powers are necessary for carrying out the purposes of this section, have power to summon and enforce the attendance of witnesses and to compel the production of documents by the same means and (so far as may be) in the same manner as is provided in the case of a Civil Court, under the Code of Civil Procedure, 1908.

(4) Where an appeal from any order made by a liquidator under this section is provided for by the rules, it shall lie to the Court of the District Judge.

(5) Orders made under this section shall, on application, be enforced as follows:—

(a) when made by a liquidator, by any Civil Court having local jurisdiction in the same manner as a decree of such Court;

(b) when made by the Court of the District Judge on appeal, in the same manner as a decree of such Court made in any suit pending therein.

- (6) Save in so far as is hereinbefore expressly provided, no Civil Court shall have any jurisdiction in respect of any matter connected with the dissolution of a registered society under this Act.
- 43. (1) The Local Government may, for the whole or any part of the Province and for any registered society or class of such societies, make rules to carry out the purposes of this Act.

(2) In particular and without prejudice to the generality of the foregoing power, such rules may—

 (a) subject to the provisions of section 5, prescribe the maximum number of shares or portion of the capital of a society which may be held by a member;

(b) prescribe the forms to be used and the conditions to be complied with in the making of applications for the registration of a society and the procedure in the matter of such applications;

(c) prescribe the matters in respect of which a society may or shall make by-laws and for the procedure to be followed in making, altering and abrogating by-laws, and the conditions to be satisfied prior

to such making, alteration or abrogation;

(d) prescribe the conditions to be complied with by persons applying for admission or admitted as members, and provide for the election and admission of members, and the payment to be made and the interests to be acquired before the exercise of the right of membership;

(e) regulate the manner in which funds may be raised by means of shares or debentures or otherwise;

(f) provide for general meetings of the members and for the procedure at such meetings and the powers

to be exercised by such meetings;

(g) provide for the appointment, suspension and removal of the members of the committee and other officers, and for the procedure at meetings of the committee, and for the powers to be exercised and the duties to be performed by the committee and other officers;

(h) prescribe the accounts and books to be kept by a society and provide for the audit of such accounts and the charges, if any, to be made for such audit, and for the periodical publication of a balance-sheet showing the assets and liabilities of a society;

(i) prescribe the returns to be submitted by a society to the Registrar and provide for the persons by whom and the form in which such returns shall

be submitted;

(j) provide for the persons by whom and the form in which copies of entries in books of societies may be certified;

 (k) provide for the formation and maintenance of a register of members and, where the liability of the members is limited by shares, of a register of shares;

(1) provide that any dispute touching the business of a society between members or past members of the society or persons claiming through a member or past member or between a member or past member or persons so claiming and the committee or any officer shall be referred to the Registrar for decision, or, if he so directs, to arbitration, and prescribe the mode of appointing an arbitrator or arbitrators and the procedure to be followed in proceedings before the Registrar or such arbitrator or arbitrators, and the enforcement of the decisions of the Registrar or the awards of arbitrators.

(m) provide for the withdrawal and expulsion of members and for the payments, if any, to be made to members who withdraw or are expelled and for the liabilities of past members;

(n) provide for the mode in which the value of a deceased member's interest shall be ascertained, and for the nomination of a person to whom such interest may be paid or transferred;

(o) prescribe the payments to be made and the conditions to be complied with by members applying for loans, the period for which loans may be made, and the amount which may be lent, to an individual member;

 (p) provide for the formation and maintenance of reserve funds, and the objects to which such funds may be applied, and for the investment of any funds under the control of the society;

(q) prescribe the extent to which a society may limit the number of its members;

(r) prescribe the conditions under which profits may be distributed to the members of a society with unlimited liability and the maximum rate of dividend which may be paid by societies;

(s) subject to the provisions of section 39, determine in what cases an appeal shall lie from the orders of the Registrar and prescribe the procedure to be followed in presenting and disposing of such appeals; and

(t) prescribe the procedure to be followed by a liquidator appointed under section 42, and the cases in which an appeal shall lie from the order of such liquidator.

(3) The Local Government may delegate, subject to such conditions, if any, as it thinks fit, all or any of its powers to make rules under this section to any authority specified in the order of delegation.

(4) The power to make rules conferred by this section is subject to the condition of the rules being made after previous publication.

(5) All rules made under this section shall be published in the local official Gazette and on such publication

shall have effect as if enacted in this Act.

44. (1) All sums due from a registered society or from an officer or member or past member of a registered society as such to the Government, including any costs awarded to the Government under Section 37, may be recovered in the same manner as arrears of land-revenue.

- (2) Sums due from a registered society to Government and recoverable under sub-section (1) may be recovered, firstly, from the property of the society; secondly, in the case of a society of which the liability of the members is limited, from the members subject to the limit of their liability; and, thirdly, in the case of other societies, from the members.
- 45. Nothwithstanding anything contained in this Act, the Local Government may, by special order in each case and subject to such conditions, if any, as it may impose, exempt any society from any of the requirements of this Act as to registration.

46. The Local Government may, by general or special order, exempt any registered society from any of the provisions of this Act or may direct that such provisions shall apply to such society with such modifications as may be speci-

fied in the order.

47. (1) No person other than a registered society shall trade or carry on business under any name or title of which the word "co-operative" is part without the sanction of the Local Government.

> Provided that nothing in this section shall apply to the use by any person or his successor in interest of any name or title under which he traded or carried on business at the date on which this Act comes into

operation.

(2) Whoever contravenes the provisions of this section shall be punishable with fine which may extend to fifty rupees, and in the case of a continuing offence with further fine of five rupees for each day on which the offence is continued after conviction therefor.

48. The provisions of the Indian Companies Act, 1882, shall

not apply to registered societies.

49. Every society now existing which has been registered under the Co-operative Credit Societies Act, 1904, shall be deemed to be registered under this Act, and its bylaws shall, so far as the same are not inconsistent with the express provisions of this Act, continue in force until altered or rescinded.

50. The Co-operative Credit Societies Act, 1904, is hereby

repealed.

### APPENDIX B

### ORDER OF TABLES

I. Number of Co-operative Societies by Provinces and States, 1929-30.

II. Working Capital for All India Showing the Increase

since 1906-7.

 Working Capital by Provinces and States for 1929-30.
 Percentages of Working Capital derived from Different Sources in 1929-30.

V. General Division of Primary Societies by Types of Liability, 1929-30.

VI. Operations of Primary Agricultural Societies during

1929-30.

VII. Operations of Primary Non-Agricultural Societies during 1929–30. VIII. Overdues of Primary Societies on Loans to Individuals.

1928-29 and 1929-30.

IX. Average Figures showing Development of Primary Societies in All India.

X. Average Figures for Primary Societies by Provinces and States, 1928-29 and 1929-30.

Working Capital per Member.

Share Capital per Member.

Reserve per Member.

Percentage of Working Capital Owned.

XI. Average Figures for Primary Societies by Provinces and States, 1928-29 and 1929-30.

Average Liability per Member.

Ratio of Liability to Reserve.

Excess of Average Liability over Average Loan during Year.

XII. Average Figures for Primary Societies by Provinces and States, 1928-29 and 1929-30.

Outstanding Loans per Individual Member.

Current Loans per Individual Member.

Ratio of Outstanding to Current Loans per Member. Excess of Outstanding Over Current Loans per Member.

XIII. Average Figures for Primary Societies by Provinces and States, 1928-29 and 1929-30.

Average Membership per Society.

Average Deposit per Member held at end of Year. Cost of Management per Member. Average Profit per Member.

XIV. Operations of Central Banks during 1929-30.

XV. Operations of Provincial Banks during 1929-30.

XVI. Percentage of Population directly Affected by the Cooperative Movement in 1929-30.

XVII. Termination of the Co-operative Year in Different Provinces and Indian States.

TABLE I.

Number of Co-operative Societies by Provinces and States, 1929–30.\*

Pro	vince or S	State				Provincial Banks	Other Central Societies (including Central Banks and Banking Unions)	Supervising and Guaranteeing Unions (including Re-insurance Societies)	Agricultural (including Cattle Insurance Societies)	Non-Agricultural (including other Insurance Societies).	Total
ljmer-Merwara Assam Bengal	: :	•	:		:		7 15 116		531 1,295 20,436	97 79 1,913	637 1,390 22,469
har and Orissa	•		•			i	67	196	8,715	338	9,317
Bombay						I	19	101	4,782	83r	5,734
Burma	٠. ـ		•			I	12	454	2,567	188	3,222
entral Provinces an	d Relar	•	•			r	34	20	3,987	95	4,137
oorg Delhi	•	•	•	•	•	_	T T	13	229	21	264
ladras .	•	•	•	•		1	32	450	13,106	50 1,649	271 15,237
orth-West Frontier	Province	<b>.</b>	:	•			32	430	15,100	1,049	166
unjab		•	•			1	718	_	17,222	2,952	20,293
Justed Provinces			٠	•		_	69	3	5,184	283	5,539
Totai (British India)						8	491	1,242	78,426	8,526	88,693
Baroda .						_	6	2	874	163	1,045
Shopal .						_	25	10	1,114	26	1,175
ochin .	•		•		•	-	ī	-	128	8 z	2101
Gwalior . Ivderabad	•	٠	•		٠	_	1	<u> </u>	3,820	44	3,864
ndore .	•	•		•		<u>:</u>	30	1 = 1	1,750	355	2,136
oehmie		•	•			_	5 14	I I	387 2,438	40 294	432 2,746
lysore .	•	•		•	•	<u> </u>	15		1,686	400	2,740
ravancore		÷				<u>-</u>	1 3	28	1,428	327	1,784
Total (Indian States	)					2	97	40	13,625	1,730	I5,494
GRAND TOTAL						10	588	1,282	92,051	10,256	104,187

Based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, pp. 3, 8.
† Figures not available

TABLE II Working Capital for All India Showing the Increase since 1906-7.

	Average for four years, 1906-7 to 1909-10.	Average for five years, 1910-11 to 1914-15.	Average for five years, 1915-16 to 1919-20.	Average for five years, 1920-21 to 1924-25.	1926–27.	1927–28.	1928–29.	1929-30.
	Rs. (1,000)	Rs (1,000)	Rs. (1,000)	Rs. (1,000)	Rs. (1,000)	Rs. (1,000)	Rs. (1,000)	Rs. (1,000)
Share Capital paid up	13,19‡	88,87	2,51,97	5,25,66	8,87,38	10,06,07	11,03,16	11,93,60
Loans and Deposits held at end of year from Members	14,12	88,28	96,35	2,54,45	4,49,52	5,07,64	5,73,33	5,98,02
Loans and Deposits held at end of year from Societies.	13,59	†1,93,42	47,81	1,49,98	2,36,99	3,19,78	3,47,64	3,57,79
Loans and Deposits held at end of year from Provincial or Central Banks Loans and Deposits held at	_	_	5,03,19	12,29,88	22,83,76	25,19,34	26,55,06	29,32,08
end of year from Govern- ment Loans and Deposits held at	5,86	10,87	25,58	67,69	1,51,01	1,63,08	1,82,70	1,81,85
end of year from Non-Members and other Sources. Reserve and Other Funds.	19,69 1,67	1,41,98 25,00	4,70,25 1,23,32	10,96,22 3,12,38	21,84,42 6,00,53	24,54,19 7,00,77	25,84,80 8,22,27	27,58,99 9,29,45
Total	68,12	5,47,42	15,18,47	36,36,26	67,93,61	76,70,87	82,68,96	89,51,78

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, p. 5.

† Includes loans from Central or Provincial Banks.

‡ Figures punctuated in Indian fashion by lakhs and crores. Commas may be shifted to show hundreds of thousands and millions.

TABLE III
Working Capital by Provinces and States for 1929-30.\*

	Loans and Deposits held at End of Year from											
Province or State.	Share Capital paid up.	Members.	Societies.	Provin- cial or Central Banks.	Govern- ment.	Non- Members and Other Sources.	Reserve and Other Funds.	Total.				
	Rs.(1,000)				Rs.(1,000)		Rs.(1,000)	Rs.(1,000)				
imer-Merwara	6,66	2,81	1,20	10,36	_	15,59	9,18	45,80				
Assam	7,75	7,72	1,91	19,64	1,03	25,44	8,54	92,03				
Bengal	1,89,40	79,16	17,84	5,20,68	73	5,26,30	1,34,99	14,69,10				
Bihar and Orissa	54,16	15,36	23,54	2,50,84	70	2,06,84	50,66	5,82,10				
Bombay	1,65,32	2,73,92	66,26	2,72,24	43,54	3,66,31	93,80					
Burma	87,88	12,33	6,57	63,51	4,59	29,98	71,70	2,76,56				
Central Provinces and Berar.	34,64	5,97 28	34,36	2,09,90		1,88,51	64,08 2,14	5,37,50 9,97				
Coorg	2,61		9	2,24	7	2,54	1,85	24,16				
Tyderabad Administered Area	2,30 1,57	1,10 2,78	2	6,33		12,56	21	4,62				
Viadras	2,32,98	78,02	1,39,02	6,78,23	36,08	5,35,19	1,10,26	18,09,78				
North-West Frontier Province	1,62	49	2,39,02	3,70	30,00	2.83	24	8,90				
Puniab	1,81,40	56,13	60,64	6,70,90	33,99	6,16,86	2,34,87	18,54,79				
United Provinces	55,36	8,74	3,32	57,56	15	53,52	37,42	2,16,07				
Total (British India)	10,23,65	5,44,81	3,34,82	27,66,13	1,20,95	25,82,47	8,19,94	81,92,77				
5 1.		8,27		17,98	6,82	22,23	8,87	71,41				
1 1	5,31 1,28	6,2/	1,93 1,27	8,12	4,15	**,*3	7,21	22,10				
7	2,74	2,89	1,53	3,84	26	6,05	2,68	19,99				
Gwalior	14,49	1,41	8,09	3,04	35,65	8,32	17,56	85,52				
Hyderabad	42,74	7,20	2,47	61,94	3,23	49,54	20,59	1,87,71				
Indore	3,05	4,31	7,7/	13,13	2,10	15,27	11,90	49,88				
Kashmir	22,38	19	83	29,53	4,85	18,27	13,35	89,40				
Mysore	47,13	23,66	3,83	23,90	2,67	45,63	22,43	1,69,25				
Travancore	30,83	5,27	2,90	7.51	1,17	11,15	4,92	63,75				
Total (Indian States)	- 6	53,21	22,97	1,65,95	60,90	1,76,52	1,09,51	7,59,01				

TABLE IV

Percentages of Working Capital derived from Different Sources in 1929–1930.

Source of Capital.	Move- ment as a Whole.	Pro- vincial Banks.	Central Banks.	Agri- cultural Societies.	Non- agri- cultural Societies
Owned Capital (Share Capital plus Reserve) Loans and Deposits from Societies, in- cluding Provincial	23.7	11 8	ī2.3	28.8	36.1
and Central Banks. Non-member Deposits	36 8 30·8	37 I	22·1 *60 4	61 4 4.0	9·5 22 0
Member Deposits Government Loans and	6.7	•49·1	-00 4	5.3	27.7
Deposits	2.0	2.0	2.2	06	4.7
Total	100.0	100.0	100 0	100.0	100.0

Loans and Deposits from Individuals and Other Sources.

# Total Working Capital.

Movement as a Whole .	•	Rs. 89,51,79,235
Provincial Banks		Rs. 8,62,00,508
Central Banks	•	Rs. 30,90,22,374
Agricultural Societies .		Rs. 34,93,12,049
Non-agricultural Societies		Rs. 15,06,44,304

TABLE V
General Division of Primary Societies by Types of Liability, 1929-30.\*

	1	Agrıc	ultural.			Non-agr	icultural.			
Province or State.	Credit.		Non-	credit.	Cre	edıt.	Non-	credit.	To	tal.
Trovince of States	Ltd.	Unltd.	Ltd.	Unitd.	Ltd.	Unitd.	Ltd.	Unitd.	Credit.	Non- credit.
Ajmer-Merwara†	13	500	18		47	20	29	1	580	48
Assam	11	1,282	2	l — I	53	l —	26	l —	1,346	28
Bengal		19,156	1,053	11	431	25	924	532	19,612	2,520
Bihar and Orissa	76	8,624	14	1	79	56	38	165	8,835	218
Bombay	9	4,517	207	46	561	19	199	52	5,106	504
Burma		2,284	23	3	161	7	20	<u> </u>	2,452	46
Central Provinces and Berar .	_	3,950	36	1	28	42	24	1	4,020	62
Coorg	73	156		l —	16		4	1 1	245	5
Delhi		217	3	I —	21	17		3	255	
Hyderabad Administered Area	l —	I — '		l —	9	I —	9		-36	15 8
Madras	62	12,478	232	329	946	205	454	44	13,691	1,059
North-West Frontier Province	· —	152	l <u> </u>	'-	3		10	l <del></del> ''	155	10
Punjab	12	16,125	1,085	I —	85	1,007	1,532	328	17,229	2,945
United Provinces	1	5,043	140	I —	71	156	48	8	5,271	196
Total (British India)	257	74,484	3,029	391	2,511	1,554	3,325	1,135	78,796	5,160
Total previous year	254	71,704	2,669	384	2,351	1,533	3,188	§1,113	75,842	7,354
Danada	31	728		64	48	100	5,100	3-,3		
Dhamal	31	1,114	51		40	26			916	121
CL		1,114			<u> </u>	+20	<u> </u>	-	1,140	
Complete		120			<b>:</b>	‡	‡	‡	195	,I4
Undershed	‡	1 ‡	1	‡	‡	‡	<b>‡</b>	‡	±	1
Indone	l <u>+</u>	387	<u> </u>	+	10	21	‡	‡	٠ه	
V		30%	! =		10		+	+	418	9
	1	2,438	76	1	228	I		62	2,438	-0-
Mysore	71	1,490	76	49		17	93		1,806	280
	101	1,327	<del></del>	<u> </u>	150	153	24		1,731	24
Total (Indian States)	203	7,610	129	113	Ţ	‡	l I	ĮĮ	8,862	585
Total previous year	179	8,872	121	92	623	513	<del>+</del>	1	10,187	40
GRAND TOTAL	460	82,094	3,158	504	i	1	Ŧ	Ī	87,668	8,455
GRAND TOTAL PREVIOUS YEAR	433	80,576	2,790	476	2,974	2,046	l <del>I</del>	l <del>I</del>	86,020	16.012

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285

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 929-30, pp. 12, 14, 15. † Includes 1,708 societies which are members of other societies. ‡ Includes 1,508 societies.

TABLE VI (b)
Operations of Primary Agricultural Societies during 1929-30 (continued).\*

Province or State.	Loans during Year to Individuals.	Loans Due by Individuals.	Individual Loans Overdue.†	Working Capital.‡	Share Capital paid up.	Reserve Fund.
Ajmer-Merwara Assam Bengal Bihar and Orissa Bombay Burma Central Provinces and Berar Coorg Delhi Madras North-West Frontier Province Punjab United Provinces Total (British India) Total previous year Baroda Bhopal Cochin Gwalior Hyderabad Indore Kashmir Mysore Travancore Total (Indian States)	2,10,364 5,24,546 15,78,512 9,29,072 4,21,197 9,32,620 21,83,779 19,34,078	Rs. 15,76,568 24,18,730 4,03,84,929 2,01,31,106 3,53,10,893 1,36,22,502 1,44,76,991 5,92,226 7,39,106 5,91,44,262 3,27,282 7,16,09,116 80,89,194 26,84,22,995 25,04,88,359 34,19,188 9,38,678 4,44,063 47,51,905 59,35,979 22,70,758 40,76,817 42,01,891 28,51,493	Rs. 26,139 12,34,908 1,60,37,429 34,49,870 1,08,35,080 10,15,981 65,90,085 1,57,814 56,107 1,77,53,461 55,98,554 37,78,676 6,65,34,549 5,32,38,912 8,74,311 7,05,605 1,20,181 26,97,506 3,69,313 12,24,321 9,16,909	Rs. 16,89,915 29,30,822 5,52,47,847 2,42,94,154 4,10,06,469 1,60,49,880 1,73,75,334 6,20,853 8,35,751 6,77,10,265 3,40,038 8,10,28,945 1,00,13,479 31,91,43,752 29,53,75,342 36,69,004 12,96,361 7,25,569 20,02,102 76,11,790 22,10,150 49,43,224 45,90,929 31,19,168	Rs. 2,69,894 1,56,216 58,55,826 15,06,626 27,76,310 29,10,822 2,17,323 1,65,117 96,719 84,75,632 43,663 99,85,696 23,20,981 3,47,80,825 3,21,92,262 68,056 59,435 7,14,788 15,89,949 17,15,517 12,61,414 20,30,845	Rs. 5,13,941 6,04,231 85,43,993 30,51,784 59,44,486 59,28,259 30,51,759 1,91,069 1,15,531 47,64,526 13,155 1,64,47,627 22,94,402 5,14,64,763 7,09,207 4,09,752 1,41,632 11,49,338 14,68,246 9,10,456 10,83,87,77,70,390 3,31,319
Total previous year  GRAND TOTAL  GRAND TOTAL .  GRAND TOTAL PREVIOUS YEAR	97,02,878 97,19,705 12,04,92,099 12,55,52,204	2,88,90,772 2,68,36,360 29,73,13,767 27,73,24,699	69,08,046 59,46,687 7,34,42,595 5,81,85,599	3,01,68,297 2,83,73,371 34,93,12,049 32,37,48,713	74,85,932 72,66,066 4,22,66,757 3,94,58,328	69,74,217 67,52,704 5,84,38,980 5,18,74,543

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1939-30, pp 13-15.

† Overtine Spans are learned a few newscales.

<u> </u>			Loans and De	eposits held at	end of Year fro	m	
Province or State.	Owned Capital.†	Members.	Non- Members.	Societies.	Provincial or Central Banks.	Govern- ment.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ajmer-Merwara	7,83,835	21,012	20,213	10,227	8,54,628		
Assam	7,60,447	2,46,459	2,30,491	25,729	16,53,199	14,497	
Bengal	1,43,99,819	19,70,902	16,61,372	88,087	3,70,83,003	44,664	
Bihar and Orissa	45,58,410	5,97,690	2,22,363	16,890	1,88,72,363	26,438	
Bombay	87,20,796	77,36,746	40,91,162	2,58,811	2,00,59,405	1,39,549	
Burma	88,39,081	8,25,374	1,35,140	71,274	57,66,659	4,12,352	
Central Provinces and Berar	32,69,082	2,88,276	5,86,292	7,206	1,32,21,482	2,996	
Coorg	3,56,186	19,368	29,577	2,652	2,05,865	7,205	Appendix
Delhi	2,12,250	2,532	28,799	9	5,92,161		4
Madras	1,32,40,158	10,16,659	22,14,472	28,775	4,99,29,243	12,80,958	ĕ
North-West Frontier Province .	56,818	1,653	1,502	_	2,80,065		22
Punjab	2,64,33,323	33,37,314	36,52,214	15,99,120	4,59,56,857	50,117	27
United Provinces	46,15,383	1,20,361	1,28,822	11,509	51,37,404		
Total (British India)	8,62,45,588	1,61,84,846	1,30,02,410	21,20,289	19,96,12,334	19,78,776	B
Total previous year	7,73,14,101	1,56,22,334	1,28,33,045	21,88,870	18,51,93,477	22,23,515	•
Baroda	7,77,263	4,58,416	6,10,375		16,96,356	1,26,594	
Bhopal	4,64,680	757		95	7,91,138	39,691	
Cochin	1,92,067	1,81,220	75,539	8,091	2,68,652	<u></u>	
Gwalior	18,64,126	1,37,466	510		-	_	
Hyderabad	30,58,195	5,50,950		16,510	39,69,487	16,648	
Indore	9,10,456	65,096			12,33,869	729	
Kashmir	27,99,394	10,425	6,295		21,27,110		
Mysore	1	2,40,055	1,52,681	1,383	19,96,941	1,68,065	
Travancore	23,62,164	2,63,589	24,133	-	4,69,282		
Total (Indian States)	1,44,60,149	19,07,974	8,69,533	26,079	1,25,52,835	3,51,727	
Total previous year	1,40,18,770	16,15,596	10,48,817	1,37,566	1,11,72,055	3,80,567	ю
GRAND TOTAL		1,80,92,320	1,38,71,952	21,46,368	21,21,65,169	23,30,503	87
GRAND TOTAL PREVIOUS YEAR .	10,07,05,737	1,00,92,320	1,38,81,862	23,26,436	19,63,65,532	26,04,082	7
CHULLO AVIAL FABILIOUS IDAM .	9,13,32,871	1,72,73,930	-,30,01,002	-3,20,430	-21031031334		

<sup>•</sup> Based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, pp 14-15.

-	288
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	The
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Province or State.	No. of Societies.	No. of Members.	Cost of Manage- ment.	Profit for the Year.	Sale of Goods to Members.	Purchase of Members' Products.
			Rs.	Rs	Rs	Rs.
Ajmer-Merwara†	. 97	7,111	24,051	27,952	4,98,846	4,52,220
Assam	. 79	13,271	35,679	59,797	2,74,025	1,111
Bengal	. 1,912	193,711	3,35,963	8,98,912	6,16,792	2,59,348
Bihar and Orissa	. 338	24,835	87,062	81,283	5,49,637	3,44,702
Bombay	. 831	219,116	6,65,970	9,50,463	13,06,942	5,29,626
Burma	. 188	29,211	1,46,926	3,54,407	1,72,837	9,618
Central Provinces and Berar .	. 95	18,387	40,760	87,505	1,65,051	2,098
Coorg	. 21	2,192	6,033	8,287	53,751	
Delhi	. 50	1,864	- 712	5,784	138	121‡
Madras	. 1,649	<b>§259,693</b>	5,10,530	19,20,555		
North-West Frontier Province .	. 13	1,553	1,279	12,350	l —	
Punjab	. 2,952	104,603	1,51,364	3,83,671	7,00,401	6,96,501
United Provinces	. 283	26,730	47,820	1,15,734	58,166	18,439
Hyderabad Administered Area .	17	5,403	12,173	14,774_	52,301	45,939
Total (British India)	8,525	907,680	20,66,322	49,21,474	44,48,887	23,59,723
Total previous year	8,195	855,028	19,32,556	45,04,916	42,70,008	25,52,755
Baroda	. 163	10,395	14,561	18,067	47,347	
Bhopal	. 26	467	14,301	908	7/134/	l _
Cochin	. 87	9,437	13,712	32,441	36,163	39,865
Gwalior	. 44	835	260	7,550	30,103	32,000
Hyderabad	355	15,061	21,867	1,19,512	2,25,171	1,75,190
Indore	. 40	3,637	8,705	17,800	9,365	16,530
Kashmir	294	5,828	3,577	18,253		
Mysore	. 400	57,341	1,22,601	3,67,950	16,15,068	11,07,973
Travancore	327	48,367	48,841	1,10,832	2,99,822	
Total (Indian States)		151,368	2,34,133	6,93,313	22,32,938	13,39,558
Total previous year	1,730	137,269	2,05,255	6,12,022	19,10,827	12,50,485
O M						
GRAND TOTAL PREVIOUS YEAR	. 10,255	1,059,048	23,00,455	56,14,787	66,81,825	36,99,281
GRAND I GIAL PREVIOUS YEAR .	. 9,761	992,297	21,37,811	51,16,938	61,80,835	38,03,240

Province or State.		Loans during Year to Individuals.	Loans Due by Individuals.	Individual Loans Overdue.†	Working Capital.‡	Share Capital paid up.	Reserve Fund.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ajmer-Merwara §		3,18,258	5,79,283	27,675	8,44,573	1,80,394	1,30,732
Assam		7,17,823	16,30,537	3,93,153	20,28,735	3,57,753	1,49,533
Bengal		2,16,03,936	2,47,22,477	27,97,596	2,76,87,755	63,38,145	18,19,370
Bihar and Orissa		22,69,766	28,03,538	4,25,146	36,86,694	9,99,317	3,59,950
Bombay		3,13,26,571	2,93,27,846	29,37,270	4,36,90,058	93,81,691	23,02,979
Burma		47,97,853	49,03,140	80	64,82,897	46,73,369	6,03,137
Central Provinces and Berar.		16,81,442	14,74,745	25,042	16,70,860	6,56,241	97,757
Coorg		1,34,318	1,08,680	21,083	1,30,283	72,599	16,564
Delhi		1,92,661	1,92,653	16,713	2,09,522	49,362	3,681
Madras		2,15,38,413	2,65,99,541	44,43,035	3,14,48,796	85,48,242	21,20,327
North-West Frontier Province		2,00,065	1,67,002		2,08,509	1,00,301	7,674
Punjab		68,01,708	84,95,174	4,25,730	1,45,39,054	27,37,330	37,45,460
United Provinces		19,76,512	20,21,101	1,74,275	22,88,835	9,12,011	2,25,748
Hyderabad Admınistered Area		3,69,096	4,21,627	<u> </u>	4,62,063	1,57,525	20,792
Total (British India)	_	9,39,28,422	10,34,47,344	1,16,86,798	13,53,78,634	3,51,64,280	1,16,03,704
Total previous year		8,20,50,116	8,83,81,206	1,00,79,512	12,26,12,014	3,15,62,332	1,03,44,808
Baroda		6,56,005	9,52,007	68,388	13,93,111	2,05,130	67,223
Bhopal	•	3,850	11,836	8,738	18,325	1,373	5,821
Cochin	•	5,84,494	4,53,702	67,936	6,43,638	1,79,151	70,184
Gwalior	•	64,245	1,07,769	40,423	59,059	22,937	32,154
Hyderabad	•	14,94,886	17,63,514	70,423	24,10,428	13,55,525	2,16,137
Indore		3,79,940	4,43,601	71,771	6,28,553	1,30,771	52,520
Kashmir	•	3,25,065	4,96,233	39,043	5,54,604	1,09,530	60,116
Mysore	•	69,31,714	66,02,355	9,85,765	76,36,032	28,80,704	10,98,167
Travancore	•	13,38,289	15,56,067	3,97,667	19,21,920	9,64,336	1,08,014
Total (Indian States)	•	1,17,78,488	1,23,87,084			7,07,330	
Total Anguaria area	•	1,17,70,400		16,79,731	1,52,65,070	58,49,457	17,10,336
Constant Previous year	•	1,02,48,196	1,10,55,337	18,24,700	1,36,75,447	52,69,570	15,66,566
GRAND TOTAL	•	10,57,06,910	11,58,34,428	1,33,66,529	15,06,44,304	4,10,13,737	1,33,14,040
GRAND TOTAL PREVIOUS YEAR		9,22,98,312	9,94,36,543	1,19,04,212	13,62,87,461	3,68,31,902	1,19,01,474

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, ppg 16, 18-19.

† "Loans Overdue" means loans due for payment which have not been paid and for which extension has not been granted by competent authority

Working capital represents the total of share capital, reserve, and loans and deposits held at end of year. See Table VII (c).

Includes statistics of societies in the Railway Lands in Raiputana

TABLE VII (c)
Operations of Primary Non-Agricultural Societies during 1929-30 (continued).\*

		1	Loans and Dep	osits held at e	nd of Year fro	m
Province or State.	Owned Capital.†	Members	Non- Members	Societies.	Provincial or Central Banks	Government.
	Rs.	Rs	Rs.	Rs	Rs	Rs.
Ajmer-Merwara ‡	3,11,126	2,60,109	1,00,261	251	1,72,826	
Assam	5,07,286	5,25,489	8,67,154	21,459	36,847	70,500
Bengal	81,57,515	59,45,162	1,17,00,679	3,41,106	15,14,851	28,442
Bihar and Orissa	13,59,267	9,38,449	4,24,312	19,330	9,35,811	9,525
Bombay	1,16,84,670	1,96,54,976	62,90,242	2,31,139	16,81,617	41,47,414
Burma	52,76,506	4,07,546	6,23,414	19,547	1,00,196	46,688
Central Provinces and Berar .	7,53,998	3,08,564	4,43,838	1,581	1,62,879	1 2
Coorg	. 89,163	8,400	13,763	160	18,797	
Delhi	. 53,043	1,07,723	8,137	360	40,259	
Madras	. 1,06,68,569	67,85,456	82,01,651	41,706	34,23,977	23,27,437
North-West Frontier Province .	1,07,975	47,848	52,583	l <u>'</u> ''	103	-5/-7/10/
Punjab	64,82,790	22,75,610	25,99,369	53,680	31,27,202	403
United Provinces	. 11,37,759	7,54,213	1,67,031	816	2,29,016	
Hyderabad Administered Area .	1,78,317	2,77,988		2,758		3,000
Total (British India)	. 4,67,67,984	3,82,97,533	3,14,92,434	7,33,893	1,14,53,381	66,33,409
Total previous year	4,19,07,140	3,70,67,800	2,62,13,227	10,87,374	1,02,34,495	61,01,978
Baroda		3,68,716	2,98,074		1,01,437	3,52,531
Dhamal	-	3,00,710	2,90,074		1,01,437	
Cochin	2,49,335	1,08,111	1,09,194	60,817	1,15,256	497 925
Gwalior	55,091	3,968	1,09,194	00,017	1,13,230	
Hyderabad		1,68,980	76,819	42,486	4,62,749	87,732
Indore	1,83,201	§ 3,66,311	-	42,400	78,951	07,734
Kashmir	1,69,646	8,366	1,679	583	3,74,330	l <u> </u>
Mysore		21,25,516	10,00,988	64,967	3,67,170	98,520
Travancore	10,72,350	2,63,806	1,21,826	1,82,582	2,81,356	90,320
Total (Indian States)			16,08,580			
Total (Indian States)	75,59,793 68,36,136	34,13,792	15,82,202	3,51,435 1,08,002	17,91,865	5,40,205 6,66,870
		30,27,477			14,64,760	
GRAND TOTAL	. 5,43,27,777	4,17,11,325	3,31,01,014	10,85,328	1,32,45,246	71,73,614
GRAND TOTAL PREVIOUS YEAR .	4,87,33,376	4,00,95,277	2,77,95,429	11,95,376	1,16,99,255	67,63,848

TABLE VIII (a)

Overdues of Primary Agricultural Societies on Loans to Individuals.

•

Province or State.	Loans to	f Outstanding Individuals at end of	Amount Overdue per Member at end of		
	1928-29.	1929-30.	1928-29	1929-30	
			Rs	Rs.	
Ajmer-Merwara†	.   09	17	I 3	23	
Assam	42 7	51.1	173	23 3	
Bengal	34 3	39 7	24 9	313	
Bihar and Orissa .	11.5	17 1	99	146	
Bombay	31 1	30 7	20 2	31 5	
Burma .	6 5	75	15 2	183	
Central Provinces and Berar	35 7	45.5	818	107 1	
Coorg	22 2	267	113	137	
Delhi .	4.7	76	65	10-4	
Madras	268	300	21 5	24 9	
North-West Frontier Province	· -	l or	_	0.2	
Punjab	6 5	78	8 4	104	
United Provinces .	37-8	467	24 Ó	31 0	
Total (British India) .	. 213	24 8	20 7	24 9	
Baroda	22 2	25 6	30 I	318	
Bhopal	648	75 2	318	35 6	
Cochin	22.4	273	84	10 2	
Gwalior	. 499	568	35 O	39.7	
Hyderabad	.	_	_	_	
Indore	·   -	i I	_	_	
Kashmir	96	9·1	80	8 r	
Mysore	30.0	29 I	17 7	188	
Fravancore	30 6	32 2	5.0	5 6	
Total (Indian States) .	22 I	23 9	14.1	I5·5	
GRAND TOTAL .	21 3	24.7	194	236	

Computation based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India for 1928-29 and 1929-30.
 Loans overdue" means loans due for payment which have not been paid and for which extension has not been granted by competent authority)
 Includes statistics of societies in the Railway Lands in Raiputana.

TABLE VIII (b) Overdues of Primary Non-Agricultural Societies on Loans to Individuals.

Province or State	Loans to	of Outstanding Individuals at end of	Amount Overdue per Member at end of		
	1928-29	1929-30.	1928-29.	1929-30.	
	1	1	Rs.	Rs	
Ajmer-Merwara †	. 44	48	3.5	10	
Assam .	. 18 i	24 1	21 3	206	
Bengal	12 2	114	132	144	
Bihar and Orissa	181	15 2	21 0	17 I	
Bombay	ro 8	100	12.7	134	
Burma	. 004	0 001	0.06	0 003	
Central Provinces and Berar	14	17	0 9	14	
Coorg	20 7	194	12 2	96	
Delhi	7.5	87	67	90	
Madras North-West Frontier Province	15 8	167	15 3	17 1	
Punjab	3.0	50	28	4 1	
United Provinces	3 9 8 I	5 0 8 7	65	65	
Total (British India)	11 4	11 3	11 8	129	
Baroda	4.7	72	46	66	
Bhopai .	67 4	738	20 0	187	
Cochin	142	150	72	72	
Gwahor	28 1	37 5	39 6	484	
Hyderabad	-	<del>-</del>		-	
Indore .	o x	16 2	I 3	197	
Kashmir	. 103	8 x	8 3	67	
Mysore	23 2	149	27 0	172	
Travancore	23 2	25 6	67	8 2	
Total (Indian States)	. 165	13 5	13.3	111	
GRAND TOTAL	12 0	II 2	12 0	126	

<sup>\*</sup> Computation based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India for 1928-29 and 1929-30 ("Loans overdue" means loans due for payment which have not been paid and for which extension has not been granted by competent authority)

† Includes statistics of societies in the Railway Lands in Rajputana.

TABLE IX Average Figures showing Development of Primary Societies in All India.

	191:	2-13	1917-18		192	2-23	192	7–28	1928-29		1929-30	
	Agr	Non- Agr	Agr	Non- Agr	Agr	Non- Agr.	Agr	Non- Agr	Agr	Non- Agr	Agr	Non- Agr
Average Membership	41	111	35	140	34	124	34	99	34	102	34	103
	Rs.	Rs	Rs	Rs.	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs.
Average Holding in Share Capital	8 x	26 7	11 6	30 3	10 5	34 2	126	35 7	13 I	37 I	136	38 7
Average Holding in Reserve	23	29	100	57	12 6	64	159	8 5	173	120	187	12 6
Average Deposit per Member †	63	34.7	48	23 8	5 5	37 I	56	38 4	58	40 4	58	39 4
Average Loan per Member during year	46 2	71 3	34 8	75 9	40-0	90 5	42 5	95 2	418	93.0	38∙6	99 8
Average Liability per Member ‡	51 7	45 I	59 5	47 8	68 7	708	76 3	86•0	77 4	88 3	79 7	90-9

Based on India, Department of Commercial Intelligence and Statistics, Statistical Statements
Relating to the Co-operative Movement in India for the several years mentioned.

† Amount of deposit per member held at end of year.

‡ Loans and deposits held at end of year.

TABLE X (a). Average Figures for Primary Agricultural Societies by Provinces and States.\*

Province or State.	Working per M					entage of Working Capital Owned		
	1928-29	1929-30	1928-29	1929-30.	1928-29.	1929-30	1928-29.	1929-30
	Rs.	Rs.	Rs	Rs	Rs.	Rs	1	
jmer-Merwara	154.7	147 I	25 0	23 5	45.5	44.7	45 6	464
ssam	490	55 4	2 5	30	98	114	25 5	25 0
lengal .	.   386	107 8	100	1114	146	167	25 2	26 1
ihar and Orissa	102 2	102 8	5.7	64	116	129	160	188
Sombay	1000	1193	68	8 1	149	17 3	199	213
lurma	270-8	288 6	487	50 5	85 0	1066	49 4	55 1
entral Provinces and Berar	276 9	282 4	27	35	485	49 6	180	188
COOTE	526	53.7	143	14 3	15 4	165	56.5	57.4
Delhi	149 3	155 3	160	180	177	215	23 2	25 5
ladras	911	95 1	1114	110		67	188	196
forth-West Frontier Province	. 6	82 5	9 1	106	1 26	3 2	138	167
unjab	1	150 4	183	18 5	280	30 5	319	32 6
Justed Provinces	80 5	82 2	181	190	169	188	43 5	46 E
Cotal (British India)	. 1143	¥19 5	12 4	13 0	17 5	19 3	26 2	27 0
Baroda	. 1479	133 5	27	2 5	28 0	25 8	20 8	21 2
Shopal	64.4	65 4	2 2	28	183	207	32 7	35 8
ochin	57 2	61.7	4.2	4.3	104	120	25 5	26 5
waltor	31.5	1 ··· *	1 202	105	145	160	77 8	l ~~¥
lyderabad	2173	203 0	528	42 4	55 8	39 2	500	402
ndore	200 1	-73+	] "-"	1 -	1133	121 6	39 I	l Tă
Cashmir	100 6	108 4	34 3	376	20 7	23 8	54.7	566
dysore .	620	70 4	100	19 3	113	118	48 9	44 3
Travancore	. 178	19 I	11 9	124	16	20	75 I	616
Total (Indian States)	. 67 5	67 5	17 2	168	16 1	15 6	49 4	48 0
GRAND TOTAL	. 107 8	112 0	13 1	13 6	17 3	18 7	28 2	28 8

<sup>•</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-30.

† Complete data not available.

TABLE X (b). Average Figures for Primary Non-Agricultural Societies by Provinces and States \*

Province or State.	Working Capital per Member	Working Capital Share Capital Reserve per Member Percentag Capit		
	1928-29. 1929-30	1928-29 1929-30	1928-29 1929-30	1928-29 1929-30
!	Rs Rs	Rs Rs	Rs. Rs	3,22 3,   2,23 3.
Imer-Merwara †	115 2 118 8	25 0 25 4	193 184	38 5 36 8
TOO WA	1489 1529	276 269	111 113	260 250
		29 8 32 7		
Bengal				29 9 29 4
Sihar and Orissa	142 9 148 5	36 5 40 2	13 I 14 5	34 7 36 9
Bombay	1960 1994	42 8 42 8	102 105	270 267
Burma	204 7 221 9	141 4 160 0	189 206	783 814
entral Provinces and Berar	860 909	33 0 35 7	50 53	44.2   45.I
Coorg	66 6 59 4	368 33 I	80 76	673 684
Delhi	109 5 112 4	22 2 26 5	13 20	215 253
1adras	121 3   121 3	317 330	77 82	325 339
forth-West Frontier Province	128 6   134 3	44 5 64 6	48 49	383 518
Puniab	1313 1301	233 262	352 358	446 446
Juited Provinces	898 856	31 8 34 1	35 2 35 8 77 8 4	440 497
Cotal (British India)	143 4 149 1	36 9 38 7	12 1 12 8	34 2 34 5
Baroda	143 8 134 0	190 197	59 65	17 3 19 5
Shopal	39 5 39 2	20 20	92   120	306 393
ochin .	66 2 68 2	186 190	71 74	388 387
wallor	65 4 1	24 9 27 5	366 383	840   5
Indembad	128 2 160 0	68 8 900	110 144	62 2 65 2
ndom	178 1 172 8	374 360	149 144	29 3 29 2
anhmu.	900 952	186 188	113 103	
(unone				
Contractor			20 5 19 2	
	33 8 39 7		20 22	60 4 55 8
otal (Indian States)	99 6 100 8	38 4 38 6	113 113	49 9 49 5
RAND TOTAL	137 4 142 2	37 1 38 7	120 126	35 8 36 I

<sup>•</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-30.

† Includes statistics for the Railway Lands in Rajputana † Complete data not available.

Province or State.	Av	erage Li Mem	ability p ber.†	er	R		Liability terve.	to			ge Liabil during	
1 Tovince of State.	Agr.	Soc	Non-Agr Soc		Agr	Soc	Non-A	gr Soc	Agr	Soc	Non-A	r. Soc.
	1928-	1929-	1928-	1929-	1928-	1929-	1928-	1929-	1928-	1929-	1928-	1929-
ĺ	29.	30.	_29.	30.	29.	30.	29.	30.	29.	30	29	30
	Rs.	Rs.	Rs.	Rs.					Rs.	Rs.	Rs.	Rs.
Ajmer-Merwara 🕻 🗼	84.2	78.9	70.0	75 1	19	1.8	3.7	41	61.9	54.5	27.1	30.3
Assam	36 7	41.0	1102	1146	37	36	99	102	21.7	28.5	498	59.7
Bengal	74.0	79.7	88 5	100 8	2·1	48	11.4	10.7	384	48 2	-7.6	-147
Bihar and Orissa .	84.9	835	93 3	93 7	7.3	6.5	7.1	6 5	57:2	648	10.2	2 3
Bombay	87.3	94.0	143 0	146.1	5 9	5 4	140	13.0	22'I	27.4	[ 114	3.1
Burma	137.1	1296	44.4	41.3	1.6	1.5	2.3	2.0	66 2	63 5	- 100.1	— 123 O
Berar	225.7	229.3	480	499	47	46	96	9.4	137.1	136.2	<b>—28</b> ·7	-41.5
Coorg	22 9	22.0	21.8	188	1.2	1.4	2.7	2.2	-22	1.3	<b>-453</b>	-42·5
Delhi	114.7	1158	86 o	83.0	6.5	4.1	66 2	42.2	85 5	988	-131	-19
Madras	73.9	76 5	81.0	80 1	127	11'4	106	98	37.5	39.9	1.1	-30
Province	73.4	68.7	79.3	64.7	8 2	21.2	16.2	131	1.0	48	<b>-602</b>	<b>–63</b> ∙7
Punjab	99 I	101.3	728	77.1	3 5	3.3	2·I	2 2	418	51.4	11.3	12 0
United Provinces .	45.5	44.3	50.3	43.1	26	2.4	6.5	2.1	129	156	-274	-30 8
Total (British India) .	84.4	87.2	94.4	90.3	4 8	4 5	7.8	7 1	396	45.7	-16	-13 2
Baroda	117.2	105.5	1189	107.8	4 2	4 I	202	16.7	58 <b>2</b>	69.3	62.5	44 7
Bhopal	43'4	41.0	27.4	238	2.4	2.0	3.0	1.0	278	31.3	180	15
Cochin	42 6	45.4	40 5	418	4·1	3.8	5.7	5 6	-2.2	0.2	-25.4	- 20.2
Gwalior	1087		99	_!!	0.2		0.3	1 1	188	١	<b>-90 4</b>	
Hyderabad Indore	108 7	121.4	484	55 7	19	3.1	3 4	39	13.1	96 6	<b>-8 3</b>	<b>-43</b>
Vachana	176.8	173 6	125 8	122.4	1.6	1.4		0.5	110.3	26 6	108	17
Mysore	45.6	47 I	65.3	63 8	2.2	20	53	6.4	219		-7.7	10:
Travancore	31.7	39·3 4 6	13.4		27	3 3	67	3.3	2 3 -9 I	-58 -72	- 59·3	-57·
Total (Indian States)				17.5	1 <del></del>		<del></del>		1 <del></del>			-26
O T	34.5	31 2	49.9	50 9	2·I	2 3	4.4	4.5	111	9.5	-24.8	
GRAND TOTAL	77'4	79.7	88 3	90 9	4.2	4 3	7 4	7.2	35.6	41.1	-4.7	0.

<sup>•</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-20.

Minus sign indicates excess of everage loan during year over average liability Includes non-agricultural societies in the Railway Lands in Rajputana.

Complete data not available.

TABLE XII (a). Average Figures for Primary Agricultural Societies by Provinces and States \*

Province or State	Outstandın Individual	utstanding Loans per Individual Member †  Current Loans per Individual Member ‡  Ratio of Outstanding to Current Loans per Member			Outstanding Loans per Individual Member †		to Current Loans		Excess of Outstanding over Current Loans per Member §		
	1928-29	1929-30	1928-29	1929-30	1928-29	1929-30	1928-29	1929-30			
	Rs	Rs	Rs	Rs	1		Rs	Rs			
ymer-Merwara	145 0	I37 2	22 3	24 3	6 5	5 6	1227	1129			
ssam , , ,	406	45 7	150	12 5	1 1 5	3.7	30 7	33 2			
Bengal	725	78 8	35 6	31 5	20	2.5	36 9	473			
Sibar and Orissa	85 8	85 2	27 <b>7</b>	18 7	3 1	46	58 í	66 5			
lombay .	94 3	102 8	65 2	66 5	Ĭ4	15	29 I	36 3			
Burma	233 4	245 0	70 9	66 i	3 3	37	162.5	1789			
entral Provinces and Berar	225 6	235 3	94 0	928	2.4	2.5	1316	142 5			
oorg	50 0	51 2	25 X	20 8	20	2.5	258	304			
Delhi	1368	1373	29 2	170	4.7	8 1	1076	120 3			
fadras	8o t	83 I	364	366	2 2	2.3	437	465			
forth-West Frontier Province	82 T	79 4	72 4	639	11	I 2	97	155			
unjab	1298	I 32 Q	57 3	499	2 3	27	72 5	830			
Juited Provinces	65 I	66 4	32 6	28 7	, <b>2</b> O	2 3	32 5	37 7			
otal (British India)	97 0	100 5	44 8	41 5	2 2	2 4	52 2	59 0			
Baroda	137 3	I24 4	58 3	35 9	2 4	3.5	79 0	88 5			
Shopal	49 0	47 3	156	106	3 1	45	33 4	36 7			
ochin	373	978	45 3	44 6	ō8	0.8	- 8 ó	68			
waltor	70 I	70 0	25 6	22 3	27	30	44 5	477			
lyderabad	158 5	1583	156	248	10 2	64	1429	1335			
ndore	2970	303 3	56 I	56 3	5 3	5 4	240 9	2470			
ashmir	84.4	89 4	23 7	20 5	3 5	4.4	60 7	689			
lysore	59 I	64 5	29 4	33 5	20	19	29 7	31.0			
ravancore	165	17.5	13.4	118	13	2 5	3 I	5 7			
otal (Indian States)	63 8	64.7	23 I	21 7	2 8	2 1	40-7	43 0			
FRAND TOTAL	92 3	95 4	418	38 6	2 2	2 5	50 5	56 8			

<sup>\*</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-99 and 1929-90.

† Loans held by members at end of year.

† Loans to members during year.

§ Minus sign indicates excess of current over outstanding loans per individual member

TABLE XII (b). Average Figures for Primary Non-Agricultural Societies by Provinces and States \*

Province or State.				ng Loans iividial iber †	vidial per Individual					
			1928-29.	1929-30.	1928-29	1929-30	1928-29.	1929-30.	1928-29.	1929-3
			Rs.	Rs.	Rs	Rs			Rs.	Rs
Ajmer-Merwara			80·I	8x 5	43 8	44 8	18	18	363	367
Assam	• •	- 1	117-7	1220	60-4	54.9	19	23	57·3	68-6
Dam ma 1	• •		1084	127 6	96 I	1155	ii	īi	3/3	121
Bihar and Ozissa		•	115 8	1120	828	914	14	12	33 0	21 5
Bombay		:	117.9	133 8	131.6	143.0	0-9	09	- 13 7	-92
Burma	•	•	1579	167 9	153 5	164 3	1.0	12		36
Central Provinces and Berar		•	65 5	80 2	76 7	914	00	0 9	- 11 2	- 11 2
Coore	• •	•	589	49 7	67 I	613	0.0	08	-82	- 11 6
Delhi		-	80 5	103 4	99 I	1034	09	10	- 96	- 110
Madras	• •	•	966	102 6	808	811	1.2	1-2	25 8	
North-West Frontier Province		•	100 1	107 5	I 39 5	1284	07	0.8		19 5
Punjab		•	72 2	812	61 5	64.1	1.2	I 2	- 39 4 10:7	- 20 9 16 1
United Provinces	: :	:	80 8	75 6	77 7	73.9	1.0	10	3 1	101
Total (British India)			103 4	1140	96 o	103-5	1.1	11	74	21 5
Baroda			99 5	• 916	564	63 I	1.8	2.5	43 Z	28 5
Bhopal			20 7	25 3	94	8 2	3 1	3 Ĭ	20 1	17 1
Cochin			50 6	49 I	65.0	62 0	68	ŏ 8	- 15 3	- 12 0
Gwalior			141 0	129 I	101 3	76.0	1.4	17	39 7	52 2
Hyderabad			95 2	217 1	56 7	99 3	īž	12	38.5	178
Indore			131 4	1220	1150	104 5	I I	1.2	164	17.5
Kashmir			808	85 I	678	55 8	12	I 5	13.0	29 3
Mysore			116.4	315 I	124 6	120-0	00	10	-82	- 5 8
Travancore		•	28 7	32 2	269	27 7	ıí	I 2	18	4.5
Total (Indian States)			80-5	81.8	74.7	77 8	11	11	5 8	40
GRAND TOTAL			100 2	109 4	93 0	99 8	11	11	7 2	96

Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-30.
 Loans held at end of year.

Loans during year

Loans during year

Minus sign indicates excess of current over outstanding loans per individual member.

Includes statistics for the Railway Lands in Rajputana.

TABLE XIII (a)

Average Figures for Primary Agricultural Societies by Provinces and States.\*

Province or Sta	te.				Average M per So	embership ciety	Member 1	Average Deposit per Member held at end of Year  Cost of Management per Member.		Average Mer	Average Profit per Member	
					1928-29.	1929-30	1928-29	1929-30	1928-29	1929-30	1928-29	1929-30
				- 1			Rs	Rs	Rs	Rs	Rs	Rs
jmer Merwara	•	•	•	- 1	21	22	x-8	18	1.2	13	6.7	6 5
ssam .		•		l	43	41	4 4	4.7	0.4	0.5	2 3	27
				- 1	27	25	3 7	3 8	20	16	3 1	11
ihar and Orissa				- 1	27	27	2 3	2 5	07	06	19	18
lombay				•	74	72	22 7	22 5	2 3	2 4	3 2	19
Burma				- 1	24 16	24	123	148	5 3	5 4	18	3 2
central Provinces and Berar						15	4 6	4.7	0 4	0.5	66	66
Coorg				٠. ا	51	51	i 6	17	1 1 7	15	27	3 2
Delhi				- 1	21	25	0.4	0.5	06	07	5.5	59
fadras				١	53	54	14	143	07	0.8	67	72
North-West Frontier Province				.	28	27	1 03	0.4	01	0.4	9 2	34
Punjab				٠. ا	31	31	6 i	6 2	0.0	ΙÌ	58	59
United Provinces		•	•		24	24	09	10	0.8	09	4 =	50
Total (British India) .					34	34	60	6 I	15	13	4 6	4 3
Baroda					26	32	18 3	16.7	0.8	I 6	17	07
Bhopal					17	18	0 03	0.04		_	3 3	3 4
Cochin					94	91	148	25.4	1 3	14	18	19
Gwalior					18	18	68	20	0.5	0 5	9.2	3 1
Hyderabad , , ,					21	21	1 11	14.7	10	12	1 44	4 5
ndore					19	10	8 7	87	2.2	18	147	165
kashmir .					19	10	03	0.2	0.8	11	5.3	5.7
Mysore					المأ	39	40	3 7	0.4	0.4	2 5	2 2
Travancore	•				rir	114	14	17	0.4	05/	13	1 2
Total (Indian States)					32	33	39	43	0.6	07	2 8	2 7
GRAND TOTAL .					34	34	5 8	5 8	14	12	4 3	41

<sup>•</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-30.

TABLE XIII (b). Average Figures for Primary Non-Agricultural Societies by Provinces and States\*

Province or State.		Average Membership per Society.  Average Deposit per Member held at end of Year.  Cost of Management per Member			Average Profit per Member			
	1928-29	1929-30.	1928-29	1929-30	1928-29	1929-30.	1928-29	1929-30
	1	l	Rs 28 0	Rs	Rs	Rs.	Rs	Rs
	67	73		35 8	3 2	3.4	3 7	84
	. 176	168	40.5	39 6	27	2.7	4.8	4 5
	. III	IOI	28 2	30 7	x 6	17	4 2	4.6
har and Orissa	6z	74	412	37 8	3 2	2 5	46	3 3
lombay	255	264	876	89 7	30	30	4.4	4.3
Burma	. I I55	X55	125	140	57	50	110	12 1
entral Provinces and Berar	. 194	194	180	168	2 I	2 2	5 X	4.8
coorg	110	104	5 7	3-8	30	2 8	29	38
Delhi	. 32	37	387	578	03	0.4	2 2	3 1
fadras	. 149	157	31 1	26 2	2 1	20	71	74
forth-West Frontier Province	. 120	119	24 0	308	06	0.8	4.1	79
unjab	. 35	35	370	217	14	14	3 2	37
Inited Provinces	81	94	136	28 3	17	18	44	4 3
Total (British India)	. 104	106	43 4	42 2	2 3	2 3	5 3	5 4
Baroda	. 65	64	370	35 5	11	I 4	2 3	17
Shopal	. 17	18	0 04	0.04	l i	1 1	2.4	1 19
Cochin	. 138	117	119	11.5	16	1 3	4 ž	3 4
Gwaltor	. 19	19	وَ و	4.8	02	03	8 2	90
Hyderabad	. 52	42	9 2	1112	17	15	5.7	79
ndore	85	go	*	1 1	2 5	24	64	49
Kashmir	20	20	1 0	14	04	06	3 2	ġź
Mysore	. 131	318	38 0	37 7	2-1	21	62	64
Travancore	. 136	148	3 7	5 5	09	10	2 3	2 3
Total (Indian States)	. 88	88	22 I	22 6	I 5	15	4.5	46
GRAND TOTAL	102	103	40 4	39 4	2 2	2 2	5 2	5.3

<sup>•</sup> Computations based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the years 1928-29 and 1929-30
† Includes statistics for the Railway Lands in Rajputana.

† Complete data not available

TABLE XIV (a)

Operations of Central Banks during 1929-30.\*

	Loans du	ring Year to	Loans	and Deposits h	eld at end of	Year from
Province or State.	Individuals.	Banks and Societies.	Societies	Provincial or Central Banks	Govern- ment.	Individuals and other Sources.
Ajmer-Merwara	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Assam	1,01,958	11,61,279	1,09,235	8,920		14,38,725
Bengal	_	3,67,151	1,23,806	2,70,106	5,000	12,33,904
Bihar and Orissa	- ,,	2,34,28,867	4,88,714	1,12,76,016	_	2,60,02,783
Bombay	2,466	49,38,107	3,14,074	39,13,715	34,440	1,49,85,150
Burma	10,74,384	4,67,11,080	29,80,153	18,73,195	-	1,99,83,253
Central Provinces and Berar	<b>—</b> _	33,23,105	5,66,374	4,75,438	<del>-</del>	22,38,908
Coorg Berar	2,94,228	85,39,221	33,28,869	15,01,472	979	1,44,24,571
Delhi	2,800	1,24,650	5,910	-	400	2,10,562
Madras	<u> </u>	2,48,774	1,976	315	\ <u> </u>	12,18,632
	30,39,244	2,97,70,294	61,04,901	1,16,52,149	_	3,53,01,385
North-West Frontier Province	·	2,06,528	2,329	89,999		2,29,012
United Provinces	34,64,029	4,13,56,388	44,11,364	1,23,47,172	16,74,220	5,42,80,064
Chited Provinces	<b>–</b>	32,77,049	3,19,402	3,89,423	14,700	50,56,103
Total (British India)	79,79,109	76 24 22 400				
I OLAL Arestatus trace	02''0''	16,34,52,493	2,07,57,107	4,37,97,920	17,29,739	17,66,03,012
Baroda			1,90,53,668	3,71,95,785	14,68,141	16,80,92,460
Bhonal	13,582	4,36,298	1,93,420		2,02,337	13,14,254
Cochin		2,04,523	1,27,220	9,962	3,74,720	5,914
Gwalior C.	2,246	1,73,197	84,218		25,000	4,20,520
Hyderabed .	5,070	15,77,205	8,09,326		35,65,105	8,31,375
Indore	3,070	15,29,700	1,32,288	17,24,870	2,18,807	19,31,258
Kashmir	·	† 3,84,980	12,491		2,08,831	15,27,132
Mysore	1	12,54,448	82,191	4,51,679	4,84,690	18,19,254
Travancore	4,00,252	10,685	64,535	26,421	1	11,64,269
• • • •	1,98,939	3,07,300	1,07,690		1,16,969	9,69,404
Total (Indian States)	6,20,080	58,78,336	16,13,379	22,12,932	51,96,459	99,83,380
Total previous year	7,86,353	53,45,873	14,68,835	21,66,092	54,96,667	86,06,283
GRAND TOTAL	85,99,198	16,93,30,829	2,23,70,486	4,60,10,852	69,26,198	18,65,86,392
GRAND TOTAL PREVIOUS YEAR	94,44,870	15,97,68,733	2,05,22,503	3,93,61,877	69,64,808	17,66,98,743

# Operations of Central Banks during 1929-30 (continued).

Province or State	) <b>.</b>		Share Capital paid up.	Reserve and Other Funds.	Working Capital.†	Cost of Manage- ment.	Profit for the Year.	Usual Lending Rate.
			Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.
Aimer-Merwara		. !	2,15,150	2,73,489	20,45,519	17,750	33,510	9
Assam	· ·		1,75,987	87,022	18,95,825	27,057	38,025	101
Bengal			51,52,054	26,51,643	4,55,71,210	6,52,073	8,53,561	9 & 10
Bihar and Orissa			23,53,378	12,77,419	2,28,78,176	6,14,414	5,89,889	12
Bombay			30,86,631	5,37,948	2,84,61,180	2,90,733	3,55,008	8
Burma			12,04,190	6,38,482	51,23,392	39,108	1,50,278	10
Central Provinces and Berau			19,68,632	28,31,464	2,40,55,947	1,95,652	3,17,648	10
Coorg			23,160	6,000	2,46,122	1,369	6,959	711 & 81
Delhi			84,400	65,493	13,70,816	8,043	19,830	7 to 9
Madras			56,54,171	28,13,572	6,35,26,178	4,31,510	13,33,913	i 'ä́á
North-West Frontier Proving	nce .		17,850	2,704	3,41,894	1,467	5,019	l š
Punjab			43,26,113	31,90,591	8,02,29,524	4,21,691	5,77,372	9
United Provinces			23,03,468	12,21,674	93,04,770	2,38,117	3,36,759	12
Total (British India)			2,65,65,184	1,55,97,591	28,50,50,553	29,28,984	48,17,771	
Total previous year	•		2,51,19,481	1,35,97,276	26,45,26,811	26,05,555	45,07,174	
Baroda			2,57,777	1,10,777	20,78,565	13,128	33,692	7 to 8
Bhopai			72,322	3,05,635	8,95,773	7 35	52,191	'`` 6
Cochin			44,747	55,163	6,29,648	6,266	11,809	7 & 81
Gwalior			7,11,009	5,74,110	64,90,925	1,84,026	73,886	12
Hyderabad			8,31,888	2,01,042	50,40,153	46,192	1,39,381	وَ
Indore			1,74,375	2,27,025	21,49,854	28,465	43,961	
Kashmir			4,13,048	1,91,248	34,42,110	21,145	76,610	١٩
Mysore	·		3,68,376	2,87,379	19,10,980	18,786	55,701	8 to 11
Travancore	•		87,290	52,460	13,33,813	5,830	22,688	8 to 82
Total (Indian States) .			29,60,832	20,04,839	2,39,71,821	3,23,873	5,09,919	
Total previous year			27,16,452	17,36,844	2,21,91,173	2,81,778	4,90,021	\
GRAND TOTAL			2,95,26,016	1,76,02,430	30,90,22,374	32,52,857	51,27,690	
GRAND TOTAL PREVIOUS YI	RAR .		2,78,35,933	1,53,34,128	28,67,17,984	28,87,333	49,97,195	I —

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30 pp. 10-11.

† Share Capital, reserve and other funds, plus loans and deposits held at end of year. See also Table XIV (a).

TABLE XV (a). Operations of Provincial Banks during 1929-30.\*

	Loans duri	Loans during Year to		Loans and Deposits held at end of Year from			
Province or State.	Individuals	Banks and Societies	Societies	Provincial or Central Banks	Government	Individuals and other Sources	
Assam Bengal Bihar and Orissa Bombay Burma Central Provinces and Berar Madras Punjab	Rs	Rs 1,28,700 2,19,53,169 18,10,563 1,15,49,674 30,05,388 92,35,078 73,00,350	Rs 20,355 8,65,922 3,700 31,55,973 98,523 57,26,022	Rs 4,284 21,94,352 13,62,555 36,09,827 61,03,839 28,17,326 56,59,054	Rs 12,500 — 66,636 † — 16,74,220	Rs 2,12,397 1,32,65,594 50,51,993 62,65,961 † 33,96,389 78,01,585 11,54,010	
Total (British India) Total previous year	. 1,95,80,275 1,82,35,288	5,49,82,922 4,79,63,979	98,70,495 1,05,20,525	2,17,51,237 1,80,62,597	17,53,356 19,32,657	3,71,47,929 3,50,75,869	
Hyderabad Mysore	32,004	8,64,198 8,61,679	55,152 2,52,298	37,163	=	29,45,783 22,44,805	
Total (Indian States) .	32,004	17,25,877	3,07,450	37,163	_	51,90,588	
Total previous year	45,253	14,68,294	1,98,264	17,685	_	50,27,441	
GRAND TOTAL	1,96,12,279 1,82,80,541	5,67,08,799 4,94,32,273	1,01,77,945 1,07,18,789	2,17,88,400 1,80,80,282	17,53,356 19,32,657	4,23,38,517 4,01,03,310	

<sup>•</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, pp 8, 10

† Figures not available.

TABLE XV (b)

Operations of Provincial Banks during 1929-30 (continued).\*

Province	or S	tate.				Share Capital paid up.	Reserve and other Funds	Working Capital †	Cost of Management.	Profit and Loss for the Year.	Usual Lending Rate.
Assam Bengal Bihar and Orissa Bombay Burma Central Provinces and Bendaras Punjab	· · · · · · · · · · · · · · · · · · ·	: : : : :	:	:	:	Rs 85,160 15,93,575 5,56,400 12,87,750 \$ 6,21,650 6,19,750 10,91,167	Rs 13,470 4,84,449 3,76,500 5,94,738 4,26,883 13,28,015 1,02,725	Rs 3,48,166 1,84,03,892 73,51,148 1,49,80,885 \$ 1,06,47,284 1,82,92,698 96,81,176	Rs 1,846 28,929 25,513 2,31,631 \$ 32,892 98,255 36,590	Rs 10,125 4,17,340 67,502 89,066 ‡ 39,370 2,44,250 — 2,52,332	Per cent.  81 7 to 71 6 to 7 51 to 8 1 6 to 7 61
Total (British India) Total previous year .			:			58,55,452 54,99,982	33,26,780 28,19,794	7,97,05,249 7,39,11,424	4,55,656 4,22,439	6,15,321 5,41,649	
lyderabad lysore	:	:	:	:	:	4,96,610 2,02,974	1,73,726 86,748	37,08,434 27,86,825	14,992 11,367	75,209 48,405	8 to 9 81
otal (Indian States) otal previous year .	•	•	:			6,99,584 6,90,152	2,60,474 2,96,872	64,95,259 62,30,414	26,359 28,558	1,23,614 95,263	=
RAND TOTAL	Yeai			•	:	65,55,036 61,90,134	35,87,254 31,16,666	8,62,00,508 8,01,41,838	4,82,015 4,50,997	7,38,935 6,36,912	_

<sup>\*</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, pp. 10-11.

† Share capital, reserve and other funds, and loans and deposits held at end of year. See also Table XV (a).
‡ Figures not available.

TABLE XVI

Percentage of Population directly Affected by the Co-operative
Movement in 1929-30.

Province or State.	Population.	Members of Primary Societies.†	Per- centage ‡
Aımer-Merwara	560,576	18,602	166
Assam	8,784,943	66,167	3 8
Bengal	49,997,376	707,749	7 1
Bihar and Orissa	37,590,356	261,228	3 5
Bombay	21,102,126	563,086	133
Burma	14,652,272	88,037	30
Central Provinces and Berar.	15,472,628	79,912	26
Coorg	163,089	13,750	42 2
Delhi	636,827	7,247	57
Madras	46,731,850	973,308	104
North-West Frontier Province	2,423,380	5,675	12
Punjab	23,580,520	644,941	135
United Provinces	48,423,264	148,601	1.5
Total (British India)	270,612,162	§ 3,578,303    3,442,197	66
Baroda	2,442,924	37,884	78
Bhopal	732,104	20,304	139
Cochin	1,204,235	21,198	88
Gwalior	3,520,708	68,724	98
Hyderabad	14,395,493	52,558	18
Indore	1,315,902	11,124	42
Kashmir	3,645,339	51,430	7.1
Mysore	6,554,573	123,256	94
Travancore	5,090,462	211,720	20 8
Total (Indian States)	80,838,527	598,198	3.7
Total previous year		557,892	3 5
GRAND TOTAL	351,450,689	§ 4,176,501	5.9
GRAND TOTAL PREVIOUS YEAR	i	4,000,089	5.7

<sup>\*</sup> Based on Preliminary Census Returns, 1931.

|| Excluding 2,108 members of 14 societies in Hyderabad Administered Area in 1928-29.

<sup>†</sup> India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30, p. 4.

<sup>1929-30,</sup> p. 4.

1 Counting each primary society member as one of a family of five.

§ Excluding 5,403 members of 17 societies in Hyderabad Administered Area in 1929-30.

TABLE XVII

Termination of the Co-operative Year in Different Provinces and Indian States.

\*\*TABLE XVII\*\*

Termination of the Co-operative Year in Different Provinces and Indian States.\*\*

Baroda.	31st December.	Bihar and Qrissa.
Assam.	31st March.	Bombay.
Travancore.	14th June.	
	30th June.	
Ajmer-Merwara. Bengal. Bhopal. Burma. Central Provinces and E Coorg.	•	Gwalior. Indore. Madras. Mysore. United Provinces.
Hyderabad.	6th July.	
Delhi. North-West Frontier Pr	31st July.	Punjab.
Cochin.	16th August.	
Kashmir.	15th September.	

<sup>•</sup> Based on India, Department of Commercial Intelligence and Statistics, Statistical Statements Relating to the Co-operative Movement in India, 1929-30, p. 1. (Indian States in Italics.)

# GLOSSARY OF INDIAN TERMS

Anna: 11 of a Rupee.
Bania: Trader; Money-lender. Beopari: Trader: Money-lender. Bhang: Dried leaves of Hemp.

Charkha: Spinning-wheel.

Chawl: Small Apartment or Flat; Tenement.

Crore: 10,000,000

Ganja: Unfertilized Blossoms of Hemp used in making Bhang.

Ghee: Unclarified Butter.

Godown: Store-room or Warehouse. Gur: Crude Sugar; same as Jaggery.

Hundi: Bill of Exchange; a Two-Name Trade Acceptance.

Jaggery: Crude Sugar; same as Gur.

Kallar: A Criminal Tribe in Madras Presidency.

Khaddar: Hand-spun and Hand-woven Cloth.

Lakh: 100,000.

Mahajan: Money-lender (literally, Great Man).

Marwari: Money-lender. Paddy: Unhusked Rice.

Panchayat: Literally, Council of Five; the traditional Administrative Authority of the Indian Village; also the Managing Committee of a Co-operative Society.

Panchayatdar: Member of a Managing Committee.

Pathan: Itinerant Money-lender from North-West India.

 $Pie: \frac{1}{12}$  of an Anna.

Rupee: 29 cents (Exchange value November 5, 1931).

Ryot: Farmer; Peasant.

Sahukar: Money-lender; Trader. (Sometimes spelled Sowcar.)

Shroff: Indigenous Banker.

Swadeshi: Indian-made Goods.

Zemindar: Landholder; Landlord. (Sometimes spelled Zamindar.)

#### BIBLIOGRAPHY

### PRIMARY SOURCES

Agricultural Indebtedness in India and Its Remedies; Being Selections from Official Documents, compiled by S. C. Ray, Calcutta, 1915.

The Agriculturists' Loans Act, 1884 (Act XII of 1884), as Modified up to the 15th December, 1896, and with foot-notes brought

down to the 1st February, 1903. Calcutta, 1903.

The Bombay, Baroda and Central India Railway Employees' Co-operative Supply Society, Ltd., Dadar. Sixth Annual Report for the Year ending 31st March, 1930. Bombay, 1930.

California Agricultural Experiment Station, Berkeley, Calif.,

U.S.A.

Circular 222. Fundamental Principles of Co-operation in Agriculture. (By Powell, G. H.) Berkeley, 1920. Circular 298. Possibilities and Limitations of Co-operative Marketing. (By Erdman, H. E.) Berkeley, 1925.

Gold Coast, Department of Agriculture, Bulletin 17. Studies in Co-operation in India and Ceylon. (By Paterson, A. W.) Accra,

1929.

Great Britain, India Office. East India (Progress and Conditions): Statement Exhibiting the Moral and Material Progress and Condi-

tion of India during the year 1928-29. London, 1930.

Great Britain, Indian Railway Committee. Report of the Committee Appointed by the Secretary of State for India to Enquire into the Administration and Working of Indian Railways. London, 1921.

India, Ajmer-Merwara. Report on the Working of the Co-operative Societies in the District of Ajmer-Merwara for the Year ending

30th June, 1930. Delhi, 1931.

India, Assam. Report of the Assam Provincial Banking Enquiry Committee, 1929-30. Vol. I. Shillong, 1930.

Report on the Working of the Co-operative Societies in Assam for the Year ending the 31st March, 1930. Shillong, 1930.

India, Baroda. Annual Report on the Working of the Co-operative Societies in the Baroda State for the Year ending 31st December, 1929. Baroda, 1930.

> Annual Report on the Working of the Co-operative Societies in the Baroda State for the Year ending 31st December, 1930. Baroda, 1931.

India, Bengal. Annual Report on the Working of the Co-operative Societies in the Presidency of Bengal for the Year 1028-20. Calcutta, 1930.

> Report of the Bengal Provincial Banking Enquiry Committee, 1929-30. Vol. I. Calcutta, 1930.

India, Bihar and Orissa. Report of the Bihar and Orissa Provincial Banking Enquiry Committee, 1929-30. Vol. I. Patna, 1930.

> Report of the Committee on Co-operation in Bihar and Orissa. Patna, 1923.

> Report on the Working of Co-operative Societies in Behar and Orissa for the Year 1929. Patna, 1930.

India, Bombay. Annual Report on the Working of Co-operative Societies in the Bombay Presidency (including Sind) for the Twelve Months ending 31st March, 1930. Bombay, 1930.

Bombay Act No. VII of 1925. The Bombay Co-operative

Societies Act, 1925. Bombay, 1927. Report of the Bombay Provincial Banking Enquiry Committee, 1929-30. Vol. I. Bombay, 1930.

India, Burma. Burma Act No. VI of 1927. (Rangoon, 1927?) Burma Co-operative Societies, Rules, 1931. (Rangoon, 1931?)

> Report of the Burma Provincial Banking Enquiry Committee, 1929-30. Vol. I. Banking and Credit in Burma. Rangoon. 1930.

> Report of the Committee on Co-operation in Burma, 1928-29. Rangoon, 1929.

> Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1923. Rangoon, 1924. Report on the Working of the Co-operative Societies Act in Burma

> for the Year ended the 30th June, 1924. Rangoon, 1924. Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1925. Rangoon, 1926.

> Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1926. Rangoon, 1926. Report on the Working of the Co-operative Societies Act in Burma

for the Year ended the 30th June, 1927. Rangoon, 1928. Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1928. Rangoon, 1929.

Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1929. Rangoon, 1931. Report on the Working of the Co-operative Societies Act in Burma

for the Year ended the 30th June, 1930. Rangoon, 1931. India, Census Commissioner. Census of India, 1921. Final Figures

Showing the Population of each Province, District and State, and the Distribution of Population by Religion. (Simla, 1922.) India, Census Commissioner. Census of India, 1931. Preliminary Figures. Delhi, 1931.

India, Central Provinces. Report of the Committee on Co-operative Societies in the Central Provinces, 1922. Nagpur, 1922.

> Report on the Working of the Co-operative Societies in the Central Provinces and Berar for the Year ending 30th June, 1929. Nagpur, 1930.

India, Cochin. Report on the Administration of the Co-operative Department in the Cochin State for the Year 1103 (1927-28 [A.D.]). Ernakulam, 1929.

India, Coorg. Report on the Working of the Co-operative Societies in

Coorg for the Year ending 30th June, 1930. Bangalore, 1930. India, Department of Commercial Intelligence. Statements Showing Progress of the Co-operative Movement in India during the Year 1912-13. (Calcutta, 1914?)

Statements Showing Progress of the Co-operative Movement in India during the Year 1917-18. (Calcutta, 1920?)

Statements Showing Progress of the Co-operative Movement in India during the Year 1922-23. Calcutta, 1924.

India, Department of Commercial Intelligence and Statistics. Statistical Abstract for British India with Statistics, where available, Relating to Certain Indian States from 1917-18 to 1926-27. Calcutta, 1928.

> Statistical Statements Relating to the Co-operative Movement in India during the Year 1927-28. Calcutta, 1929.

> Statistical Statements Relating to the Co-operative Movement in India during the Year 1928-29. Calcutta, 1930.

> Statistical Statements Relating to the Co-operative Movement in India during the Year 1929-30. Calcutta, 1931.

> Statistical Tables Relating to Banks in India, 1926. Calcutta, 1928.

> Statistical Tables Relating to Banks in India, 1928. Calcutta, 1930.

India, Director of Public Information. India in 1927-28. Calcutta, 1928. India in 1020-30. Calcutta, 1931.

India, Gwalior. Report on the Working of Co-operative Societies, Gwalior State, for 1926-27, Samvat, 1983. Gwalior, 1927.

India, Hyderabad. Annual Report on the Working of Co-operative Societies in H.E.H. the Nizam's Dominions for the Fifteenth Year, 1337-38 Fasli (from 1st Sherawar 1337 F. to 31st Amardad 1338 F.) (8th July 1928 to 6th July, 1929 A.D.) Hyderabad.

1930. India. The Indian Central Banking Enquiry Committee, 1931.

Vol. I, Pt. I, Majority Report. Calcutta, 1931.

India, Indore. Annual Report on Co-operative Societies in Dominions of H.H. the Maharaja Holkar, Indore, for the Year 1925-26. Indore, 1927.

India, Kashmir. Fifth Report on the Working of Co-operative Societies in the Jammu and Kashmir Government uptil 31st Bhadon 1984 (16th September, 1927). Srinagar, 1985 (1928).

India, Madras. Annual Report on the Working of the Co-operative Societies Act, II of 1912, for the Year 1929-30. Madras, 1931.

Report of the Committee on Co-operation in Madras, 1927-28. Madras, 1028.

Report Regarding the Possibility of Introducing Land and Agricultural Banks into the Madras Presidency. (By Nicholson, F.) 2 vols. Madras, 1895.

India, Mysore. Report of the Mysore Co-operative Committee, 1923. (Bangalore), 1923.

> Report on Co-operative Societies in Mysore for the Year 1928-29. Bangalore, 1930.

> Report on Co-operative Societies in Mysore for the Year 1929-30. Bangalore, 1931.

India, Punjab. Report of the Punjab Provincial Banking Enquiry Committee, 1929-30. Vol. I. Lahore, 1930.

Report on the Working of the Co-operative Societies in the Punjab

for the Year ending 31st July, 1920. Lahore, 1920. Report on the Working of the Co-operative Societies in the Punjab for the Year ending 31st July, 1922. Lahore, 1922.

Report on the Working of the Co-operative Societies in the Punjab for the Year ending 31st July, 1923. Lahore, 1923.

Report on the Working of the Co-operative Societies in the Punjab for the Year ending 31st July, 1924. Lahore, 1924. Report on the Working of Co-operative Societies in the Punjab

for the Year ending 31st July, 1928. Lahore, 1929. Report on the Working of Co-operative Societies in the Punjab

for the Year ending 31st July, 1930. Lahore, 1931. India. Report of the Committee on Co-operation in India. [Maclagan

Committee.] Simla, 1915.
India. Report of the Indian Economic Enquiry Commission. Vol. I. Calcutta, 1925.

Royal Commission on Agriculture in India. Linlithgow India. Commission.] Abridged Report. Bombay, 1928.

Report. Bombay, 1928.

India. Report of the Royal Commission on Labour in India. [Whitley

Labour Commission.] Calcutta, 1931. India, Travancore. Government of Travancore. The Co-operative Department. Annual Report on the Working of the Cooperative Societies in Travancore for the Year 1103 M.E. (1927-28). Trivandrum, 1929.

India, United Provinces. Annual Report on the Working of Co-operative Societies in the United Provinces of Agra and Oudh for

the Year 1929-30. Allahabad, 1931.

Report of the Co-operative Committee of the United Provinces of Agra and Oudh. Allahabad, 1926.

Report of the United Provinces Provincial Banking Enquiry Committee, 1929-30. Vol. I. Allahabad, 1930.

Indian National Congress. Punjab Sub-Committee. Report of the Commissioners Appointed by the Punjab Sub-Committee of the Indian National Congress. (Lahore), 1920.

Second All-India Co-operative Institutes' Conference. Held at Hyderabad on the 4th and 5th of April, 1931. Proceedings. Chintadripet, Madras, 1931.

The Servants of India Society, Poona. Report of Work from 1st

April 1928 to 12th June, 1930. Poona, 1930. U.S. Department of Agriculture. Department Bulletin 1302. Co-operative Marketing of Cotton. (By Gatlin, G. O.) Wash-

ington, 1926. Miscellaneous Circular 35. Bibliography on the Marketing of Agricultural Products. (By Day, Emily L., et al.)

Washington, 1925.

Miscellaneous Circular 97. Co-operation in Agriculture: a Selected and Annotated Reading List with Special Reference to Purchasing, Marketing and Credit. (By Gardner, Chastina.) Washington, 1927.

"Women and Co-operation in India," in Monthly Labor Review, U.S. Department of Labor, Vol. XXX, pp. 61-62.

#### SECONDARY SOURCES

Abhedananda, Swami, India and Her People, New York, 1906 (?). Aivar, A. Vedachala, "Bill No. 4 of 1931—a Bill to consolidate and amend the law relating to Co-operative Societies in the Presidency of Madras," in The Madras Journal of Co-operation, Vol. XXII, pp. 840-42. Aiyar, K. Ramaswami, "The Progress of Co-operative Credit

in India," in The Commonweal, Special Supplement: Co-

operation and Agriculture, May 1st, 1914, pp. 4-7.

Aiyar, Sir P. S. Sivaswamy, "The Army and Navy in India," in Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 19-35.

Ali, A. Y., "India's Effort: Is it Sufficiently Understood?" in

Nineteenth Century and After, Vol. 81, pp. 348-65.

Altekar, M. D., "Caste System and Its Relation to Social and Economic Life," in Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 183-87.

Ambika-Charana Majumdar, Indian National Evolution: a Brief Survey of the Origin and Progress of the Indian National Congress.

Madras (1915).

Andrews, Charles F., "India Demands Freedom," in Review of Reviews, February 1930, pp. 74-80.

Archbold, W. A. J., "New Indian Constitution; Discussion of Commonwealth of India Bill," in Edinburgh Review, Vol. CCXLII, pp. 279–90.

Outlines of Indian Constitutional History (British Period), London, 1926.

Archer, W., "Montagu-Chelmsford Report," in Fortnightly Review, Vol. CX, pp. 263-71. India and the Future, New York, 1918.

Baden-Powell, B. H., A Short Account of the Land Revenue and Its Administration in British India; with a Sketch of the Land Tenures, 2nd Edition Revised. Oxford, 1913.

Benns, F. L., Europe Since 1914. New York, 1930.

Bergengren, Roy F., Co-operative Banking: a Credit Union Book,

New York, 1923. Blackett, Sir Basil, "The Economics of Indian Unrest," in Foreign Affairs, October 1929.

Bose, Sudhindra, Some Aspects of British Rule in India. Iowa City (1916).

Brayne, F. L., The Remaking of Village India: being the Second Edition of the Village Uplift in India. Oxford, 1929.

Brooks, Sydney, "India and the War," in The North American Review, Vol. CCIII, pp. 527-37.

Calvert, Hubert, The Law and Principles of Co-operation in India;

being the Co-operative Societies Act No. II of 1912, with Introduction, Notes and an Appendix. Calcutta, 1917.

The Law and Principles of Co-operation; being the Cooperative Societies Act No. II of 1912 and Bombay Act No. VII of 1925, with Introduction, Notes and an Appendix. Calcutta and Simla, 1926.

"Prevailing Types of Rural Credit Societies," in Indian Co-operative Studies, pp. 33-47.

Chapman, Sir Francis, Our Commercial Policy in the East. London, 1904.

Chirol, Sir Valentine, India. London, 1926.

Collins, B. Abdy, "Co-operative Finance and the Money Market," in Indian Co-operative Studies (q.v.), pp. 123-32.

Coomaraswamy, Ananda K., The Indian Craftsman. London, 1909.

Co-operation in Bombay: Short Studies, edited by Kaji, Hiralal L.

Bombay, 1930. Coyajee, J. C., "Urban Banks," in Indian Co-operative Studies

(qv.), pp. 89-122. Craddock, Reginald, "'Swaraj': India and the League of Nations," in The Nineteenth Century and After, November 1929, pp. 607-11.

Crosthwaite, H. R., Co-operation: Comparative Studies and the Central Provinces System. Calcutta, 1916.

- "Co-operative Banks and Popular Education," in Agricultural Indebtedness in India and Its Remedies (q.v.), pp.
- 426-43. "Co-operative Credit and the Central Bank," in The Agricultural Journal of India, Vol. II, Part I, pp. 46-53.
- Darling, Malcolm L., The Punjab Peasant in Prosperity and Debt. London, New York, etc., 1925.
  - Rusticus Loquitur; or, The Old Light and the New in the Punjab Village. London, New York, etc., 1930.
- Davies, Arthur, "'Swaraj': India and the League of Nations," in The Nineteenth Century and After, October 1929, pp. 433-42. Demangeon, Albert, The British Empire: a Study in Colonial
- Geography, translated by E. F. Row, New York, 1925. Donaldson, John, International Economic Relations. New York,
- London, etc., 1928.
- Durand, H. Mortimer, "India and the War," in Blackwood's Edinburgh Magazine, Vol. CXCVI, pp. 831-48.

  Dutt, Romesh Chunder, The Economic History of India in the Vic-
- torian Age, from the Accession of Queen Victoria in 1837 to the Commencement of the Twentieth Century, Fourth edition. London (1916).
- "An Enquiry into Conditions of Agriculture and Rural Economy in India," in International Labor Review, March 1930, pp. 421-22.
- Ewbank, R. B., "The Co-operative Movement in India," in Quarterly Review, Vol. CCXXV, pp. 338-82.
  - "Guaranteeing Unions," in Indian Co-operative Studies (q.v.), pp. 48-62.
- Gandhi, M. K., "Backward and Untouchable Classes," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 181-82.
- Gilchrist, Robert Niven, Indian Nationality. London, 1920.
- Havell, Ernest Binfield, A Short History of India from the Earliest Times to the Present Day. London, 1924.
- Horace Plunkett Foundation, Ed. Year Book of Agricultural Cooperation, 1930. London, 1930, pp. 171-206.
  - Year Book of Agricultural Co-operation, 1931, pp. 189-211. London, 1931.
- Indian Co-operative Studies, edited by Ewbank, R. B. London, Bombay, etc., 1920.
- Indian Daily Mail (Bombay), May 27, 1931; May 28, 1931;
- June 19, 1931; July 2, 1931; July 3, 1931; July 14, 1931. Indian Year Book, 1929: A Statistical and Historical Annual of the Indian Empire, with an Explanation of the Principal Topics of the Day, edited by Reed, Stanley, and Sheppard, S. T. Bombay. 1929.

Indian Year Book, 1930: A Statistical and Historical Annual of the Indian Empire, with an Explanation of the Principal Topics of the Day, edited by Reed, Stanley, and Sheppard, S. T. Bombay,

1930.
Indian Year Book, 1931: A Statistical and Historical Annual of the Indian Empire, with an Explanation of the Principal Topics of the Day, edited by Reed, Sir Stanley, and Sheppard, S. T.

Bombay, 1931.

"India's Economic Development," in Monthly Review, Barclay's

Bank, Ltd, Vol. IX, No. 10, pp 1-10. Iyah, Dewan Bahadur M. Adinarayana, "Co-operation in India," in The Commonweal, Special Supplement: Cooperation and Agriculture, May 1st, 1914, pp. 2-4.

Jadav, Rao Saheb V. C., Development of Current Accounts and Exchange Business in Co-operative Banks. Provincial Co-operative

Institute, Bombay, Leaflet No. 2. Bombay, 1927.

Kaji, H. J., An Enquiry Into Agricultural Indebtedness. Provincial Co-operative Institute, Bombay, 1930.

> Urban Co-operative Credit. Provincial Co-operative Institute, Bombay. Bombay, 1930.

Kohn, Hans, A History of Nationalism in the East. New York, 1919.

Law, Narendra Nath, Studies in Ancient Hindu Polity, based on the Arthasastra of Kautilya. New York, etc., 1914.

Lytton, V. A. G. R., "Hindu-Moslem Unity," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 175–80.

Mackenzie, De Witt, The Awakening of India. London, New York,

etc., 1917.

"Madras Co-operative Bill," in The Bombay Co-operative Quarterly,

Vol. XV, pp. 40-41. Mallik, S. N., "Local Self-Government in India," in Annals of the American Academy of Political and Social Science, Vol. CXLV,

Part II, pp. 36-44.

Mann, H. H., "The Agriculture of India," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 72-81.

Mavalankar, Damodar K., Castes in India, United Lodge of Theosophists Pamphlet Series No. 4. Bombay, 1930.

Mehta, N. B., Indian Railways, Rates and Regulations. London,

1927.

Mehta, V. L., Co-operative Finance: Summary of a Course of Lectures delivered before the University of Mysore. Provincial Co-operative Institute, Bombay. Bombay, 1930.

> Origin and Growth of Co-operation in India. Bombay (1928). Supervision. Provincial Co-operative Institute, Bombay, Leaflet No. 4. Bombay, 1927.

Mehta, V. N., "Famines and Standards of Living," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 82-89.

Monier-Williams, Sir Monier, Brahmanism and Hinduism. Fourth

edition. London, 1891.

Mookerji, Radhakumud, Local Government in Ancient India. Oxford, 1919.

Mukerjee, Radhakamal, The Foundations of Indian Economics. London, New York, etc., 1916.

Mukherjee, B. B., Co-operation and Rural Welfare in India. Calcutta, 1931. Mukherji, Panchanandas, The Co-operative Movement in India.

Second edition. Calcutta and Simla, 1917.

"National Movement in India," in New York Times Current History Magazine, Vol. XIII, Part. 2, pp. 93-95. Nehru, J. L., "British Policy in India," in The Review of Nations, No. 6, pp. 83-102.

Noble, Margaret E., The Web of Indian Life, by the Sister Nivedita of Ramakrishna-Vivekananda. London, 1904.

Pantulu, V. Ramdas, "Co-operative Banking in India," in The Indian Review, June 1929, pp. 385-90.

"Co-operation and Agriculture," in The Madras Journal of Co-operation, Vol. XXII, pp. 1-10.

Parulekar, N. B., "Renascent India: (3) Communal Riots—the Underworld in India," in The Aryan Path, Vol. II, pp. 480-85. The Place of Co-operation in National Life. Provincial Co-operative

Institute, Bombay. Bombay, 1930.

Plunkett, Sir Horace, Co-operation as a Factor in the Economic,
Social and Political Development of Rural India. Supplement to the Bombay Co-operative Quarterly, September 1928.

Rai, Lala Lajpat, "Europeanization and the Ancient Culture of India," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 188-95.

Ranade, M. G., Essays on Indian Économics. Bombay, 1899.

Rees, John David, The Real India. London (1908).

Robinson, James Howard, The Development of the British Empire.

Cambridge, Mass., 1922.

Ronaldshay, L. J. L. D., Earl of, "Constitutional Development and Political Ideals," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, pp. 1-8.

The Heart of Aryavarta: a Study of the Psychology of Indian Unrest. London, 1925.

Samaldas, Sir Lalubhai. "Industry and Commerce," in Annals of the American Academy of Political and Social Science,

Vol. CXLV, Part II, pp. 90-100.
Sapiro, Aaron, "Dark and Bright Spots in Co-operative Marketing," in American Co-operation, 1926, Vol. I, pp. 34-46.

Sapru, Sir Tej Bahadur, "The Indian Constitution," in The Annals of the American Academy of Political and Social Science. Vol. CXLV, Part II, pp. 9-18.

Shah, K. T., and Khambata, K. J., Wealth and Taxable Capacity of India. Bombay and London, 1924.

Slater, Gilbert, "Co-operative Stores in India," in Indian Cooperative Studies (q.v.), pp. 227-52.

Strickland, C. F., Studies in European Co-operation, 2 Vols. Lahore,

The Surat People's Co-operative Bank, Ltd.: Year 1930-31. Surat, 1931.

Talmaki, Rao Bahadur S. S., Adult Education. Provincial Cooperative Institute, Bombay. Bombay, 1930.

The Bombay Co-operative Housing Association. Bombay, 1913. Co-operation in India and Abroad. Mangalore, 1931.

Rural Reconstruction: a Paper Read at the Fifteenth Annual Co-operative Conference held at Poona on 23rd October, 1926. The Provincial Co-operative Institute, Bombay. Bom-

bay, (1927?).
Rural Reconstruction (place and date of publication not given).

Subsidiary Occupations for the Agriculturists. (Bombay?), 1928.

Triplicane Urban Co-operative Society, Ltd., Thirty-Second Report, 1925-26 (place and date of publication not given).

> Thirty-Third Report, 1926-27 (place and date of publication not given).

> Thirty-Fourth Report, 1927-28 (place and date of publication not given).

Trivedi, R. N., "Stray Observations," in The Bombay Cooperative Quarterly, Vol. XV, pp. 24-28. Venkatasubbaiya, V., Rural Reconstruction in Alamuru Area.

Royapettah, Madras, 1930.

"What All-India Wants," in The Nation, Vol. CXIV, pp. 353-

Wolff, H. W., Co-operation in India. London, 1919.

Co-operative Banking: Its Principles and Practice. London, 1907.

People's Banks: a Record of Social and Economic Success Fourth edition. London, 1910.

#### REFERENCES

1. Great Britain, India Office, East India (Progress and Conditions): Statement Exhibiting the Moral and Material Progress and Condition of India during the

year 1928-29 (London, 1930), p. 130.

2. H. H. Mann, "The Agriculture of India," in The Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, p. 74.

3. Co-operation in Bombay: Short Studies, edited by H. L. Kaji (Bombay, 1930),

- p. 241.
- Indía, Director of Public Information, India in 1929-30 (Calcutta, 1931), p. 126.
- C. F. Strickland, Studies in European Co-operation (2 vols., Lahore, 1922), II p. 167.

- Indian Tear Book, 1931 (Bombay, 1931), p. 339.
  Indian Daily Mail (Bombay), July 3, 1931.
  Great Britain, India Office, East India, p. 339.
  Shah, K. T., and Khambata, K. J., Wealth and Taxable Capacity of India (Bombay and London, 1924), p. 315. 10.
- Indian Year Book, 1931, p. 748. India, Royal Commission on Agriculture in India, Abridged Report (Bom-II. bay, 1928), p. 9.
- India, Director of Public Information, India in 1929-30, p. 127. 12.

13.

Indian Year Book, 1931, p. 318. India, Director of Public Information, India in 1929–30, p. 118. 14.

15. 16. Indian Year Book, 1931, p. 15.

Ibid., p. 16.

India, Director of Public Information, India in 1929-30, p. 114. 17.

- 18. S. S. Talmaki, Subsidiary Occupations for the Agriculturists (Bombay?, 1928),
- p. 26. V. L. Mehta, Origin and Growth of Co-operation in India (Bombay, 1928?), 19.

Indian Year Book, 1931, p. 25. 20.

- India, Report of the Royal Commission on Labour in India (Calcutta, 1931), p. 21.
- 22. Indian Year Book, 1931, p. 616.

Ibid., p. 429. 23.

India, Director of Public Information, India in 1929-30, p. 120. 24.

25. Sir Horace Plunkett, Co-operation as a Factor in the Economic, Social, and Political Development of Rural India (Supplement to the Bombay Co-operative Quarterly, September, 1928), p. 19.

- Indian Year Book, 1931, p. 23.

  N. B. Parulekar, "Renascent India: (3) Communal Riots—The Underworld in India," in The Aryan Path, Vol. II, p. 483.
- Sudhindra Bose, Some Aspects of British Rule in India (Iowa City, 1916?), 28.
- p. 10. M. D. Altekar, "Caste System and Its Relation to Social and Economic Life," in Annals of the American Academy of Political and Social Science, Vol. CXLV, Pt. II, pp. 183-4.

  M. K. Gandhi, "Backward and Untouchable Classes," in Annals of the American Academy of Political and Social Science, Vol. CXLV, Pt. II, p. 181.
- India, Director of Public Information, India in 1929-30, p. 182.

L. J. L. D. Ronaldshay, "Constitutional Development and Political Ideals," in Annals of the American Academy of Political and Social Science, Vol. CXLV, Pt. II, p. 1.

Great Britain, India Office, East India, p. 71.

- 34. Indian Year Book, 1931, p. 26. 35. J. L. Nehru, " British Policy in India," in The Review of Nations, No. 6, p.
- 97.
  36. India, Bombay, Report of the Bombay Provincial Banking Enquiry Committee, 1929-30 (Bombay, 1930), Vol. I, p
  37. S. N. Mallik, "Local Self-Government in India," in Annals of the American
- Academy of Political and Social Science, Vol. CXLV, Pt. II, p. 4.

38. Indian Year Book, 1931, p 386.

39.

Ibid, p. 389. India, Director of Public Information, India in 1929–30, p. 439. 40.

41. Ibid , p. 119.

Lala Lajpat Rai, "Europeanization and the Ancient Culture of India," 42. in Annals of the American Academy of Political and Social Science, Vol. CXLV, Part II, p 194

Radhakamal Mukerjee, The Foundations of Indian Economics (London, etc., 1916), pp 13; 24.

Sir Monier Monier-Williams, Brahmanism and Hinduism (London, 1891), 44.

Mukerjee, Foundations, p. 3.

Radhakumud Mookerji, Local Government in Ancient India (Oxford, 1919), p. 160.

Ibid., p. 3.

India, Report of the Indian Economic Enquiry Commission (2 vols, Calcutta, 1925), p. 29. Indian Year Book, 1931, p. 720.

49.

50. Ibid., p. 340.

Ibid , p. 327. 51.

Ibid., p. 783. 52.

- Shah and Khambata, Wealth, pp. 199-200. 53.
- 54. Report of Royal Commission on Labour in India, p. 207.

55. 56. Ibid , p. 203. Ibid , p. 387.

Ibid , p. 199.

- 57· 58. India, Bombay, Banking Committee Report, Vol. I, pp. 22-23.
- 59. 60. Ibid , p. 79. India, Bengal, Report of the Bengal Provincial Banking Enquiry Committee, 1929-30 (2 vols , Calcutta, 1930), Vol. I, p. 29.

61. Shah and Khambata, Wealth, p. 200.

62. Ibid , p. 253.

India, Director of Public Information, India in 1929-30, pp. 121-2. 63.

64. Indian Year Book, 1931, p 443.

65. 66. Ibid., p. 865.

Ibid., pp 865; 875.

India, The Indian Central Banking Enquiry Committee, 1931, Majority Report (2 vols, Calcutta, 1931), Vol I, Pt. I, p. 417.

India, Bombay, Banking Committee Report, Vol. I, p. 200. 67.

68.

India, Department of Commercial Intelligence and Statistics, Statistical 69. Tables relating to Banks in India, 1928 (Calcutta, 1930), pp. 1-2.

Ibid , p\_2. 70.

India, Central Banking Committee Report, Vol I, Pt I, p 626. 71. India, Bihar and Orissa, Report of the Bihar and Orissa Provincial Banking

Enquiry Committee, 1929-30 (2 vols., Patna, 1930), Vol. I, p. 109. India, Bombay, Banking Committee Report, Vol. I, p. 29. 73-

India, Bikar and Orissa, Banking Committee Report, Vol. I, p. 163. India, Punjab, Report on the Working of Co-operative Societies in the Punjab 75. for the Year Ending 31st July, 1930 (Lahore, 1931), p. 10.

India, Bombay, Banking Committee Report, Vol. I, p. 194.

77· 78. Ibid., p. 203. Ibid., p. 195.

79. 80. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 195.

Ibid., p. 194 81. India, Bombay, Banking Committee Report, Vol. I, p. 196.

82. Ibid., p. 204.

Co-operation in Bombay, p. xli.

B. H. Baden-Powell, A Short Account of the Land Revenue and its Administration in British India, with a Sketch of the Land Tenures (Oxford, 1913).

p. 49. Indian Year Book, 1931, p. 851.

Ibid., p. 852. Mann, "Agriculture," in Ann. Am. Acad. Polit and Soc Sci , CXLV, Pt. II,

p. 73. India, Director of Public Information, India in 1929-30, p. 128.

Nehru, "British Policy" in Rev. of Nations, No. 6, p. 96.
India, Bengal, Banking Committee Report, Vol. I, p. 23.
Mann, "Agriculture," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, 91. p. 72.

92.

Co-operation in Bombay, p. 141.
India, Director of Public Information, India in 1929-30, p. 117.

M. L. Darling, The Punjab Peasant in Prosperity and Debt (London, etc., 1925),

p. 30. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 75.

"India's Economic Development," in Monthly Review, Barclay's Bank, Ltd., Vol. IX, No. 10, p. l.

India, Director of Public Information, India in 1929-30, p. 220.

- "India's Economic Development," in Monthly Review, Barclay's Bank, Ltd., Vol. IX, No. 10, p. 2.
  99. Sir L. Samaldas, "Industry and Commerce," in Annals of the
- American Academy of Political and Social Science, Vol. CXLV, Pt. II, pp. 94-95. India, Director of Public Information, India in 1920-30, p. 227.

Indian Year Book, 1931, p. 880. 101.

N. B. Mehta, Indian Railways, Rates and Regulations (London, 1927), pp. 102. 11-12.

103. Indian Year Book, 1931, p. 719.

104. India, Director of Public Information, India in 1929-30, p. 185.

105. Ibid., p. 106.

10Ğ. Indian Year Book, 1931, p. 733.

Ibid., p. 739.
V. R. Pantulu, "Co-operation and Agriculture," in The Madras Journal of Co-operation, Vol. XXII, p. 3. 107.

India, Director of Public Information, India in 1929-30, p. 201. 109.

"India's Economic Development," in Monthly Review, Barclay's Bank, Ltd., HO. Vol. IX, No. 10, p. 3.

III. Darling, Punjab Peasant, p. 290.

112. Indian Year Book, 1929: A Statistical and Historical Annual of the Indian Empire, with an Explanation of the Principal Topics of the Day, edited by Stanley Reed and S. T. Sheppard (Bombay, 1929), p. 430.

Indian Year Book, 1931, p. 29. 113. 114. India, Labour Commission Report, p. 12.

115. India, Director of Public Information, India in 1929-30, p. 169.

116. Shah and Khambata, Wealth, p. 192.

117.

India, Director of Public Information, India in 1929-30, p. 122.

Samaldas, "Industry and Commerce," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 93.

Albert Demangeon, The British Empire: A Study in Colonial Geography, translated by F. F. Boye (New York, 1997). 118.

translated by E. F. Row (New York, 1925), p. 257.

# References

- Indian Year Book, 1931, p. 887.
- Indian Year Book, 1931, p. 856.
- 122. Ibid, p. 785.
- 123. Swami Abhedananda, India and Her People (New York, 1906?), p. 159. Demangeon, British Empire, p. 242.
- 124.
- Indian Year Book, 1931, p. 879. 125.
- V. L. Mehta, Origin and Growth of Co-operation in India, p. 12. 126.
- Pantulu, "Co-operation and Agriculture," in Madras Jour. of Co-opera-127. tion, XXII, pp.7-8
- 128. India, Bombay, Banking Committee Report, Vol. I, p. 18.
- India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 92. 129.
- 130. Bose, British Rule, pp. 19-20.
- 131. *Ibid*, p 18.
- 132.
- Abhedananda, India, p. 136. Ronaldshay, "Constitutional Development," in Ann. Am. Acad. Polit and 133. Soc. Sci , CXLV, Pt. II, p. 3.
- Bose, British Rule, pp. 32-33. 134.
- 135. W. A. J. Archbold, Outlines of Indian Constitutional History (British Period)
- (London, 1926), p. 90. Sydney Brooks, "India and the War," in The North American Review, Vol. 136.
- CCIII, p. 529. Mallik, "Local Self-Government," in Ann. Am. Acad Polit. and Soc. Sci.,

- 137. Mallık, "Local Self-Government," in Ann. Am. Acad Polit. and Soc. Sci., CXLV, Pt. II, p. 37
  138. India, Director of Public Information, India in 1929-30, pp 123-4.
  139. Mallık, "Local Self-Government," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 39.
  140. Sir Tej Bahadur Sapru, "The Indian Constitution," in An. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 30. Polit. and Soc Sci , Vol. CXLV, Pt. II, p. 9.
- 141. Bose, British Rule, p. 35.
- Archbold, Outlines, p. 118.
- Ronaldshay, "Constitutional Development," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 4. 143.
- 144.
- 145.
- Third, p. 5.

  Sapru, "Indian Constitution," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, pp. 11-12

  Ronaldshay, "Constitutional Development," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 6.

  Sapru, "Indian Constitution," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II p. 6. 146.
- 147. CXLV, Pt. II, p 12.
- 148. Ibid , p. 13.
- 149. India, Director of Public Information, India in 1929-30, pp. 261-2.
- Sapru, "Indian Constitution," in Ann. Am. Acad. Polit. and Soc. Sci., CXLV, Pt. II, p. 16.
- 151. Ibid., p. 15. 152. Ambika-Charana Majumdar, Indian National Evolution: a Brief Survey of the Origin and Progress of the Indian National Congress (Madras, 1915?), p. 24. Ibid , p. 27.
- 153.
- 154.
- Ibid., p. 33. J. H. Robinson, The Development of the British Empire (Cambridge, Mass., 155 1922), p. 463.
- F. L. Benns, Europe since 1914 (New York, 1930), p. 296. Indian Year Book, 1931, p. 905. 156.
- 157. 158. Montagu-Chelmsford Report, p. 332, quoted in Talmaki, Subsidiary Occupahons, p. 27. Nehru, "British Policy," in Rev. of Nations, No. 6, p. 95.
- 160. Indian Year Book, 1931, p. 30.
- 161. Talmaki, Subsidiary Occupations, p. 26.
- 162. Ibid., p. 27.

- Indian Daily Mail (Bombay), June 19, 1931.
- 164. H. W. Wolff, Co-operation in India (London, 1919), p. 8. 165. India, Bombay, Banking Committee Report, Vol. I, p. 69.

India, Labour Commission Report, p. 208. 166.

Shah and Khambata, Wealth, p. 337. India, Bihar, and Orissa, Report of the Committee on Co-operation in Bihar and 167. 168. Orussa (Patna, 1923), p. 13. India, Labour Commission Report, pp. 270-71. India, Central Banking Committee Report, Vol. I, Pt. I, p. 55.

169.

170.

- 171. India, Madras, Report regarding the Possibility of Introducing Land and Agricultural Banks into the Madras Presidency (2 vols., Madras, 1895), Vol. I, p. 33.
- India, Bombay, Banking Committee Report, Vol. I, p. 47; India, Labour 172. Commission Report, p. 224.

India, Bombay, Banking Committee Report, Vol. I, p. 38. 173.

Gold Coast, Department of Agriculture, Studies in Co-operation in India 174. and Ceylon (Accra, 1929), p. 5.

India, Bengal, Banking Committee Report, Vol. I, p. 69. 175

Darling, Punjab Peasant, p. 9. 176.

177. India, Bengal, Banking Committee Report, Vol. I, p. 68.

178. Darling, Punjab Peasant, p. 5.

179. 180. Ibid., p. 21. India, Central Banking Committee Report, Vol. I, Pt. I, pp. 55-56.

181.

Ibid., p. 56. India, Punjab, Report on Co-operative Societies, 1930, p. 6. 182.

India, Assam, Report of the Assam Provincial Banking Enquiry Committee, 1929-30 (2 vols., Shillong, 1930), Vol. I, p. 48. 183.

184. Ibid., p. 38.

185. Ibid., p. 39. 185a. H. L. Kaji, An Enquiry into Agricultural Indebtedness (Bombay, 1930), p. 7.

"An Enquiry into Conditions of Agriculture and Rural Economy in India," in International Labour Review, March 1930, p. 421.
India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 19.
India, Bengal, Banking Committee Report, Vol. I, p. 52. 186.

187. 188.

- India, Madras, Report regarding Possibility of Introducing Agricultural Banks, 189. Vol. I, p. xuı.
- India, Report of the Committee on Co-operation in India (Simla, 1915), p. xiii. 190.

India, Bombay, Banking Enquiry Committee Report, Vol. I, p. 63. 191.

Darling, Punjab Peasant, p. 7. 193.

- India, Bombay, Banking Committee Report, Vol. I, p. 53. India, Mysore, Report of the Mysore Co-operative Committee, 1923 (Bangalore, 194.
- 1923), p. 2. M. L. Darling, Rusticus Loquetur; or, The Old Light and the New in the 195. Punjab Village (London, etc., 1930), p. 330.

India, Bengal, Banking Committee Report, Vol. I, p. 169. 196.

197. Darling, Punjab Peasant, p. 219.

198. Ibid., p. 218.

India, Bombay, Banking Committee Report, Vol. I, pp. 16-17. 199.

200.

Darling, Rusticus Loquitur, pp. 329-30. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 28. 201.

India, Labour Commission Report, p. 232. 202.

Darling, Punjab Peasant, p. 209. 203.

India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 92. 204.

205. India, Labour Commission Report, p. 224.

206. Ibid., p. 226.

India, Bombay, Banking Committee Report, Vol. I, pp. 207-8. 207.

India, Punjah, Report of the Punjah Provincial Banking Enquiry Committee, 1929-30 (2 vols., Lahore, 1930), Vol. I, p. 118. 208.

India, Bombay, Banking Committee Report, Vol. I, p. 185. 209.

210. Ibid., p. 180.

India, Report of Commission on Agriculture, Abridged, p. 49. India, Labour Commission Report, p. 230. 213. Ibid , p. 229.

214.

Ibid., pp. 232-3 India, Bengal, Banking Committee Report, Vol. I, p. 170. 215.

216.

Ibid, p. 199.
India, Central Provinces, Report of the Committee on Co-operative Societies in 217. the Central Provinces, 1922 (Nagpur, 1922), Preface.

218. India, Bombay, Banking Committee Report, Vol. I. p. 6.

Plunkett, Co-operation, p. 7. 219.

Hubert Calvert, The Law and Principles of Co-operation (Calcutta and Simla. 220. 1926), p. 13.

The Place of Co-operation in National Life (Bombay, 1930), p. 8.

221.

- 222. Hubert Calvert, The Law and Principles of Co-operation in India (Calcutta. 1917), p. 12.
- . L. Mehta, Co-operative Finance: Summary of a Course of Lectures 223. delivered Before the University of Mysore (Bombay, 1930), p. 2.
- H. R. Crosthwaite, Co-operation: Comparative Studies and the Central 224. Provinces System (Calcutta, 1916), p. 1.
- 225. C. F Strickland, Studies in European Co-operation (2 vols., Lahore, 1922) Vol. II, p. 145. 226. Ibid., p. 148.

Crosthwaite, Co-operation, p. ix.

- 227. 228.
- Gold Coast, Department of Agriculture, Studies in Co-operation, p. 8.

  M. A. Iyah, "Co-operation in India," in The Commonweal, Special Supplement: Co-operation and Agriculture, May 1, 1914, p. 3.

  India, Bombay, Banking Committee Report, Vol. I, p. 156. 229.

230.

- Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation. 231. 1930 (London, 1930), p. 201. Ibid, Year Book of Agricultural Co-operation, 1931 (London, 1931), p. 24. 232.

Mukerjee, Foundations of Indian Economics, p 117. 233

Mookerji, Local Government in Ancient India (Oxford, 1919), p. 131. 234

Ibid., p. 99. 235.

236.

Ibid., p. 35
Darling, Rusticus Loquitur, pp. 116, 141.

237. 238. H. R. Crosthwaite, "Co-operative Banks and Popular Education," in Agricultural Indebtedness in India and Its Remedies (Calcutta, 1915), p. 444. Iyah, "Co-operation," in The Commonweal, Special Supplement, May 1, 239.

1914, p. 2. 240. Darling, Punjab Peasant, p. 18.

241.

Ibid, p. 270. India, Mysore, Co-operative Committee Report, pp. 3-4. 242.

Wolff, Co-operation in India, p. 61. 243.

244. Ibid , p\_ 19. India, Bombay, Banking Committee Report, Vol. I, p. 36.

245. 246. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 30.

Ibid., p. 31. 247. 248.

Wolff, Co-operation in India, p. 23.

- 249.
- India, Punjah, Report on Co-operative Societies, 1930, p. 31 India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 32. 250.
- India, Bombay, Banking Committee Report, Vol. I, p. 85. 251. 252.
- Calvert, Law and Principles of Co-operation (1917), p. 2. India, Bengal, Banking Committee Report, Vol. 1, p. 91. 253.
- India, Bombay, Banking Committee Report, Vol. 1, pp. 86-87. 254.

255.

- 256.
- Wolff, Co-operation in India, p. 43.
  Calvert, Law and Principles of Co-operation (1917), p. 3.
  R. B. Ewbank, "The Co-operative Movement in India," in Quarterly 257. Review, Vol. CCXXV, p. 371. India, Madras, Report Regarding Agricultural Banks, Vol. II, p. 6.
- 258.
- 259. Calvert, Law and Principles of Co-operation (1917), p. 1.

- Indian Year Book, 1929, pp. 430-31. 260.
- 261. Crosthwaite, "Co-operative Banks," in Agricultural Indebtedness in India.
- p. 445. Ewbank, "Co-operative Movement," in Quart. Rev., CCXXV, p. 370. J. C. Coyajee, "Urban Banks," in Indian Co-operative Studies (London, 262. 263.

264.

etc., 1920), p. 115.
Indian Year Book, 1929, p. 431.
V. L. Mehta, Origin and Growth of Co-operation in India, p. 2. 265.

266.

Indian Year Book, 1931, pp. 442-43.
"Madras Co-operative Bill," in The Bombay Co-operative Quarterly, 267.

268.

269.

Vol. XV, pp. 40-41.

India, Mysore, Co-operative Committee Report, p. 4.

Coyajee, "Urban Banks," in Indian Co-operative Studies, p. 91.

India, Madras, Report of the Committee on Co-operation in Madras, 1927-28 (Madras, 1928), pp. 8-9.

India, Report of the Committee on Co-operation in India, p. xi. 270.

271.

272. India, Punjab, Report on Co-operative Societies, 1930, p. 22.

India, Bombay, Annual Report on the Working of Co-operative Societies in the 273. Bombay Presidency (including Sind), for the Twelve Months ending 31st March, 1930 (Bombay, 1930), p. 14. India, Bengal, Banking Committee Report, Vol. I, p. 151.

274.

275. India, United Provinces, Annual Report on the Working of Co-operative Societies in the United Provinces of Agra and Oudh for the Year 1929-30 (Allahabad, 1931), p. 10. India, Report of the Committee on Co-operation in India, p. 19.

276.

Ibid., p. ix. 277.

278. India, Bombay, Banking Committee Report, Vol. I, p. 160.

279. India, Mysore, Report on Co-operative Societies in Mysore for the Year 1929-30 (Bangalore, 1931), pp. 14-15. India, Punjab, Report on Co-operative Societies, 1930, p. 11.

280.

India, Travancore, Annual Report on the Working of the Co-operative Societies 281. in Travancore for the Year 1103 M E. (1927-28) (Trivandrum, 1929), p. 2. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 282.

1931, pp. 192-93. Mukerjee, Foundations of Indian Economics, p. 423. 283.

284. India, Mysore, Co-operative Committee Report, p. 16.

285. Co-operation in Bombay, p. 48.

286. Indian Year Book, 1931, p. 440. 287. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 135. 287a. Hubert Calvert, "Prevailing Types of Rural Credit Societies," in Indian Co-operative Studies (London, etc., 1920), p. 38.

Wolff, Co-operation in India, p. 66. 288.

V. L. Mehta, Origin and Growth of Co-operation in India, pp. 17-18. 289.

290.

Wolff, Co-operation in India, p. 76. India, Burma, Report on the Working of the Co-operative Societies Act in 291. Burma for the Year ended the 30th June, 1928 (Rangoon, 1929), p. 2. 292.

India, Mysore, Co-operative Committee Report, p. 11. 293.

294.

India, Bombay, Report on Co-operative Societies, 1930, p. 16.
Calvert, "Prevailing Types," in Indian Co-operative Studies, p. 43.
India, Central Provinces, Report on the Working of the Co-operative Societies in the Central Provinces and Berar for the Year ending 30th June, 1929 (Nagpur, 295. 1930), p. 10.
India, Bihar and Orissa, Report of Committee on Co-operation, p. 10.

296.

- 297. 298. V. L. Mehta, Origin and Growth of Co-operation in India, p. 7.
- 299.
- Calvert, "Prevailing Types," in Indian Co-operative Studies, p. 42. Coyajee, "Urban Banks," in Indian Co-operative Studies, p. 114. Ewbank, "Co-operative Movement," in Quart. Rev., CCXXV, p. 375-300.

301.

Indian Year Book, 1929, p. 432.
India, Madras, Annual Report on the Working of the Co-operative Societies 302. Act, II of 1912, for the Year 1929-30 (Madras, 1931), p. 56.

India, Report of the Committee on Co-operation in India, p. 75. 303. Ibid., p. 34. 304. Calvert, Law and Principles (1917), p. 78. 305. H R. Crosthwaite, "Co-operative Credit and the Central Bank," in 306. The Agricultural Journal of India, Vol. II, Part I, p. 50. Co-operation in Bombay, p. 8. 308. V. L. Mehta, Co-operative Finance, p. 10. India, Bombay, Banking Committee Report, Vol. I, p. 163.
India, Bengal, Annual Report on the Working of the Co-operative Societies in 309. 310. the Presidency of Bengal for the Year 1929-29 (Calcutta, 1930), p. 11. India, Report of the Committee on Co-operation in India, p. xv. 311. V. R. Pantulu, "Co-operative Banking in India," in The Indian Review, 312. June 1929, p. 387. India, Central Provinces, Report of Committee on Co-operative Societies, p. 13. 313. India, Bengal, Banking Committee Report, Vol. I, p. 90. 314 Darling, Punjab Peasant, p. 232. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 43. 315. 316. India, Punjab, Report on Co-operative Societies, 1930, p. 43. 317. Indian Year Book, 1931, p. 436 318. India, Report of the Committee on Co-operation in India, p. 319. 319. Indian Year Book, 1931, p. 434.
India, Madras, Report of the Committee on Co-operation, p. 11. 320. 321. India, Bombay, Report on Co-operative Societies, 1930, p 23. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 26. 322. 323. 324. India, Report of the Committee on Co-operation in India, p. 42. India, Burma, Report of the Burma Provincial Banking Enquiry Committee, 1929-30 (2 vols., Rangoon, 1930), Vol. I, pp. 172-73. 325. India, Mysore, Report of Co-operative Committee, p. 13. 326. India, Cochin, Report on the Administration of the Co-operative Department in 327. the Cochin State for the Year 1103 (1927-28) (Ernakulam, 1929), p. 4. India, Bombay, Banking Committee Report, Vol. I, p. 158
India, United Provinces, Report of the United Provinces Provincial Banking 328. 329. Enquiry Committee, 1929-30 (2 vols, Allahabad, 1930), p. 183. India, Bengal, Banking Enquiry Committee, Vol. I, p. 82. India, Bihar and Orissa, Banking Enquiry Committee Report, Vol. I, p. 142. 330. 331. India, United Provinces, Banking Enquiry Committee Report, Vol. I, p. 192. 332. Co-operation in Bombay, pp. 9-10. 333. India, Bihar and Orissa, Banking Enquiry Committee Report, Vol. I, p. 118. 334. India, Central Provinces, Report on Co-operative Societies, 1929, pp. 14-15. 335. India, Bengal, Banking Enquiry Committee Report, Vol. I, p. 153. 336. India, Report of the Committee on Co-operation in India, p. x. 337-Calvert, Law and Principles (1917), p. 19. India, Punjab, Banking Committee Report, Vol. I, p. 106. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 68. India, Travancore, Annual Report on Co-operative Societies, 1927-28, p. 8. 338. 339. 340. 341. India, Mysore, Report on Co-operative Societies, 1929-30, p. 5. India, United Provinces, Banking Committee Report, Vol. I, p. 140. 342. 343. India, Bengal, Banking Committee Report, Vol I, p 153. 344. India, Madras, Report of the Committee on Co-operation, p. 39. 345. V. L. Mehta, Co-operative Finance, p. 8. 346. India, Burma, Report on the Working of the Co-operative Societies Act in 347. Burma for the Year ended the 30th June, 1926 (Rangoon, 1926), p. 5. India, Report of the Committee on Co-operation in India, p. x11. 348. Ibid , p. 38. Ibid , p. 120. 349. 350. 351.

351. Indian Tear Book, 1929, p. 434.
352. India, Central Provinces, Report of Committee on Co-operative Societies, p. 35.
353. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 69.
354. India, Burma, Report on the Working of the Co-operative Societies Act in Burma for the Year ended the 30th June, 1927 (Rangoon, 1928), p. 11.

- 355. 356. Darling, Rusticus Loquitur, p. 186.
- Ibid., p. 368. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 236. 357· 358.
- Co-operation in Bombay, pp. 15-16.

  Ewbank, "Co-operative Movement," in Quart. Rev., CCXXV, p. 380.

  India, United Provinces, Banking Committee Report, Vol. I, p. 185.

  India, Report of the Committee on Co-operation in India, p. 44. 359.
- 361.
- 362. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation,
- 1930, p. 200. 363. India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
- 364. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 57.
- India, Central Banking Committee Report, Vol. I, Pt. I, pp. 137-38. 365. 366.
- Ibid., p. 133. India, Madras, Report of Committee on Co-operation, p. 41. 367. 368.
- Ibid., p. 45.
  India, United Provinces, Report of the Co-operative Committee of the United India, United Provinces, Report of the Co-operative Committee of the United India, United Indi **3**69.
- India, United Provinces, Banking Committee Report, Vol. I, p. 186. 370.
- 371. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, p. 15.
- 372.
- Ibid., p. 3. V. L. Mehta, Co-operative Finance, p. 5. 373.
- India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 22. 374.
- V. L. Mehta, Origin and Growth of Co-operation in India, p. 11. 375. 376.
- Gold Coast, Department of Agriculture, Studies in Co-operation, p. 18.
- 377· 378. India, Madras, Report of Committee on Co-operation, p. 10.
- India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 13.
- 379. 380. Ibid., p. 12.
- Indian Year Book, 1931, p. 444. Calvert, Law and Principles (1917), p. 57. 381.
- 382.
- Ibid., p. 47. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 383.
- 384. India, Report of the Committee on Co-operation in India, p. 21.
- 385. India, Madras, Report of Committee on Co-operation, p. 44.
- **3**86.
- 387. 388.
- Calvert, Law and Principles (1917), p. 105. S. S. Talmaki, Rural Reconstruction (Bombay, 1927), p. 19. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 152.
- 389.
- Indian Year Book, 1931, p. 432.
  India, Burma, Report on the Working of the Co-operative Societies Act in 390. Burma for the Year ended the 30th June, 1929 (Rangoon, 1931), p. 34-
- India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 30. 391.
- 392. India, Bombay, Annual Report on Co-operative Societies, 1929-30, pp. 80-81. India, Mysore, Report of Mysore Co-operative Committee, p. 9. 393.
- Wolff, Co-operation in India, p. 74. 394.
- 395.
- India, Burma, Report on Co-operative Societies, 1927-28, p. 13. India, Burma, Report on the Working of the Co-operative Societies Act in **3**96. Burma for the Year ended the 30th June, 1930 (Rangoon, 1931), p. 15. India, Hyderabad, Annual Report on the Working of Co-operative Societies in
- 397. H.E.H. the Nizam's Dominions for the Fifteenth Year, 1337-1338 Fash (8th
- July, 1928 to 6th July, 1929) (Hyderabad, 1930), p. 38.
  Second All-India Co-operative Institutes' Conference. Held at Hyderabad on 398. the 4th and 5th of April, 1931, Proceedings (Chintadripet, Madras, 1931),
- pp. 48-49. India, Bihar and Orissa, Report of Committee on Co-operation, p. 12. 399.
- 400.
- India, Director of Public Information, India in 1929-30, p. 421. India, Royal Commission on Agriculture, Abridged Report, p. 53. 401.
- India, Mysore, Report of Co-operative Committee, p. 48. 402.
- India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 58. 403.

Ibid., p. 57.

### References

```
India, Mysore, Report on Co-operative Societies in Mysore for the Year 1928-29
        (Bangalore, 1930), p. 2.
        India, Madras, Report of Committee on Co-operation, p. 69.
405.
406.
        India, Report of Committee on Co-operation in India, p. 52.
        India, Burma, Report on Co-operative Societies, 1929-30, p. 9. India, United Provinces, Banking Committee Report, Vol. I, p. 179.
407.
408.
        India, United Provinces, Report of Co-operative Committee, p. 6.
Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation,
409.
410.
        1931, p. 205.
India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 8.
411.
412.
        India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 4.
        India, Bombay, Banking Committee Report, Vol. I, p. 161
413.
414.
        India, Bengal, Annual Report on Co-operative Societies, 1928-29, pp. 7-8.
        India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 8.
415.
416.
        Ibid., p. 26.
        Darling, Punjab Peasant, p. 263.
417.
        India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 137.
India, Bombay, Banking Committee Report, Vol. I, p. 164.
India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 9.
418.
419.
420.
        India, Bombay, Banking Committee Report, Vol. I, p. 104.
421.
        Co-operation in Bombay, p. 176.
India, Bengal, Annual Report on Co-operative Societies, 1928–29, p. 23.
422.
423.
        India, Bombay, Banking Enquiry Committee Report, Vol. I, p. 166.
424.
        India, Mysore, Report of Mysore Co-operative Committee, p. 17.
425.
        Indian Tear Book, 1931, p. 435.
Calvert, Law and Principles (1917), p. 35.
Coyajee, "Urban Banks," in Indian Co-operative Studies, p. 113.
The Surat People's Co-operative Bank, Ltd.: Tear 1930-31 (Surat, 1931), p. 5.
426.
427.
428.
429.
430.
        India, Punjab, Report on Co-operative Societies, 1929-30, p. 46.
431.
        H. L. Kaji, Urban Co-operative Credit (Bombay, 1930), p. 1.
432.
        Darling, Rusticus Loquitur, p. 202.
 433.
        India, Report of Royal Commission on Labour in India, p. 228.
         Calvert, Law and Principles (1917), pp. 115-16.
 434.
         India, Central Banking Committee Report, Vol. I, Pt. 1, p. 258.
 435.
 436.
         India, Bihar and Orissa, Report on the Working of Co-operative Societies in
         Bihar and Orissa for the Year 1929 (Patna, 1930), p. 29. India, Bombay, Banking Committee Report, Vol. I, p. 167.
437·
438.
         India, Mysore, Report on Co-operative Societies, 1929-30, p. 116.
         India, Madras, Report of Committee on Co-operation, p. 13.
 439.
         India, Bengal, Banking Committee Report, Vol. I, p. 143.
 440.
         India, Report of Committee on Co-operation in India, p. 14.
 441.
         Mukerjee, Foundations of Indian Économics, p. 377.
India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 26.
 442.
 443.
         India, Burma, Report on Co-operative Societies, 1929-30, p. 18.
 444.
         India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 52.
 445.
         India, Report of Committee on Co-operation in India, p. xiv.
 446.
 447·
448.
         Ibid., p 65.
V. L. Mehta, Origin and Growth of Co-operation in India, p. 15.
 449.
         India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 25.
         India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 31.
 450.
         India, Burma, Report on Co-operative Societies, 1928-29, p. 27.
 451.
         India, Central Provinces, Report of Committee on Co-operative Societies, p. 9.
 452.
         India, Burma, Report of the Committee on Co-operation in Burma, 1928-29
 453.
         (Rangoon, 1929), p. 44.
R. B. Ewbank, "Guaranteeing Unions," in Indian Co-operative Studies
 454.
          (London, etc., 1920), p. 56.
         India, Burma, Report of Committee on Co-operation, p. 45.
 455.
         Ewbank, "Guaranteeing Unions," in Indian Co-operative Studies, p. 55.
  456.
  457
         Ibid., p. 61.
```

India, United Provinces, Report of Co-operative Committee, p. 22. 459. India, Burma, Report of Committee on Co-operation, p. 47. 460. 461. India, Madras, Report of Committee on Co-operation, p. 25. 462. Ibid., p. 4 463. Ibid., p. 26. 464. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 21. 465. *lbıd.*, p. 22. 466. India, Baroda, Annual Report on the Working of the Co-operative Societies in the Baroda State, for the Year 1929 ending 31st December (Baroda, 1930), pp. 5-6. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 467. 1931, p. 209. 468. India, Coorg, Report on the Working of the Co-operative Societies in Coorg for the Year ending 30th June, 1930 (Bangalore, 1930), p. 3. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 43. India, Bombay, Banking Committee Report, Vol. I, p. 165. 469. 470. Indian Daily Mail (Bombay), May 27, 1931. 471. Co-operation in Bombay, p. lix. 472. 473. India, Report of the Committee on Co-operation in India, p. 60. India, Burma, Report on Co-operative Societies, 1929-30, p. 12. 474. India, Punjab, Report on Co-operative Societies, 1929-30, p. 15. 475. 476. India, Burma, Report of Committee on Co-operation, p. 50. India, Burma, Report on Co-operative Societies, 1927-28, p. 25. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 119. India, Bihar and Orissa, Report of Committee on Co-operation, p. 11. 477· 478. 479. 480. India, United Provinces, Report of Co-operative Committee, p. 1. 481. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, p. 18. 482. India, Madras, Report of Committee on Co-operation, p. 28. 483. India, United Provinces, Report of Co-operative Committee, p. 56. 484. India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 16. India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 9. India, Bombay, Banking Committee Report, Vol. I, p. 75. India, Mysore, Report on Co-operative Societies, 1928-29, p. 21. India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 27. 485. 486. 487. 488. Co-operation in Bombay, p. 27. India, Madras, Report Regarding Agricultural Banks, Vol. I, p. xv. **4**89. 490. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 81. 491. India, Bihar and Orissa, Report of the Committee on Co-operation, p. 14. 492. India, United Provinces, Report of Co-operative Committee, p. 10. 493. India, Coorg, Report on Co-operative Societies, 1929-30, p. 4. India, Assam, Banking Committee Report, Vol. I, p. 149. 494. 495. India, Burma, Report on Co-operative Societies, 1928-29, p. 1. 496. India, Report of Committee on Co-operation in India, p. 24.
India, United Provinces, Banking Enquiry Committee Report, Vol. I, p. 182. 497· 498. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 4. 499. India, Burma, Report on Co-operative Societies, 1927-28, p. 10. 500. India, Royal Commission on Agriculture, Abridged Report, p. 52. 501. India, Bihar and Orissa, Report on Co-operative Societies, 1929-30, p. 37. 502. 503. Co-operation in Bombay, p. 304. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 20. 504. India, United Provinces, Report of the Co-operative Committee, p. 36. 505. India, Mysore, Report on Co-operative Societies, 1929-30, p. 10. 506. India, Mysore, Report of Co-operative Committee, p. 29. 507. India, Baroda, Annual Report on Co-operative Societies, 1929, p. 5. 508. India, Burma, Report on Co-operative Societies, 1929-30, p. 22. 509. Wolff, Co-operation in India, p. 191. 510. Ibid., p. 201. 511. Ewbank, "Co-operative Movement," in Quart. Rev., CCXXV, p. 376.

India, Report of Committee on Co-operation in India, p. 73. 513. 514. Ibid., p. 31.

512.

564.

565.

India, United Provinces, Banking Committee Report, Vol. I, p. 189. Ewbank, "Co-operative Movement," in Quart. Rev., CCXXV, p. 377. 51**6**. 517. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 117. Co-operation in Bombay, p 43. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 136. Coyajee, "Urban Banks," in Indian Co-operative Studies, p. 92. India, United Provinces, Report of Co-operative Committee, p. 34. India, Punjab, Report on Co-operative Societies, 1929-30, p. 19. 518. 519. 52Õ. 521. 522. 523. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 1930, p. 174. India, Bengal, Banking Committee Report, Vol. I, p. 156. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 525. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 526. 1931, p. 204. India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 8. 528. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 11. India, United Provinces, Banking Committee Report, Vol. 1, p. 196. 529. India, Report of Committee on Co-operation in India, p. 76. 530. India, Central Provinces, Report of Committee on Co-operative Societies 531. pp. 33-34. India, Burma, Report of Committee on Co-operation, p. 60. 532. 533. V. L. Mehta, Co-operative Finance, p. 11. Co-operation in Bombay, p. 45. India, Madras, Report of Committee on Co-operation, p. 19. 534. 535. India, Punjab, Report on Co-operative Societies, 1929-30, p. 18. 536. 537· 538. V L. Mehta, Co-operative Finance, p. 13. Co-operation in Bombay, p. 39. India, Report of Committee on Co-operation in India, p. xxii. 539. Ibid., p. 81. 540. Crosthwaite, "Co-operative Banks," in Agricultural Indebtedness in India, 541. P. 437. V. L. Mehta, Origin and Growth of Co-operation in India, p. 18. 542. Co-operation in Bombay, p. 36. 543. India, Report of Committee on Co-operation in India, p. 70. 544. India, United Provinces, Report of Co-operative Committee, p. 5 545· 546. Crosthwaite, "Co-operative Banks," in Agricultural Indebtedness in India, 547· 548. India, Report of Committee on Co-operation in India, p. 51. India, Central Banking Committee Report, Vol. I, Pt. I, p. 146. 549. Ibid., p. 147. India, Report of Committee on Co-operation in India, p. 82. 550. Co-operation in Bombay, p. 41. 551. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 552. *1930*, p. 186. India, Bengal, Banking Committee Report, Vol. I, p. 53. 553. Ibid., p. 160. 554. India, United Provinces, Report of Banking Committee, Vol. I, p. 194. 555. Co-operation in Bombay, p. 37. India, United Provinces, Report of Co-operative Committee, p. 19. 556. 557. 558. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 32. India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 21. 559. V. L. Mehta, Origin and Growth of Co-operation in India, p. 14. 560. India, Report of Committee on Co-operation in India, p. 71. Ewbank, "Guaranteeing Unions," in Indian Co-operative Studies, p. 50. 561. 562. V. L. Mehta, Co-operative Finance, p. 7. 563.

566. Ibid, p. 85. 567. India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 17.

India, Assam, Report of Banking Committee, Vol. I, p. 146. India, Report of Committee on Co-operation in India, p. xxi.

568. India, Report of Committee on Co-operation in India, p. 86. Ibid., p. 74.
India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 161. 569. 570. 571. India, United Provinces, Report of Co-operative Committee, pp. 36-37. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 572. India, Burma, Report on Co-operative Societies, 1928-29, p. 10.
India, Ajmer-Merwara, Report on the Working of the Co-operative Societies 573-574. in the District of Aimer-Merwara for the Year ending 30th June, 1930 (Delhi, 1931), p. 5. India, United Provinces, Report of Banking Committee, Vol. I, p. 193. 575. 576. India, Madras, Report of Committee on Co-operation, p. 21.

B. A. Collins, "Co-operative Finance and the Money Market," in 577. Indian Co-operative Studies (London, etc., 1920), p. 124. Indian Year Book, 1929, p. 435. India, Burma, Report of Committee on Co-operation, p. 7. 578. 579. 580. India, Central Provinces, Report of Committee on Co-operative Societies, p 2. 581. India, Report of Committee on Co-operation in India, p. xix. 582. Co-operation in Bombay, p. 57. 583. India, Bengal, Report of Banking Committee, Vol. I, p. 14. 584. India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 11. V. L. Mchta, Co-operative Finance, p. 12. India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 122. 585. **586.** 587. India, Central Provinces, Report on Co-operative Societies, 1928-29, pp. 588. India, Madras, Report of Committee on Co-operation, p. 22. 589. India, Report of Committee on Co-operation in India, p. xxv. 590. Ibid., p. 99. Co-operation in Bombay, p. 67. 591. Ibid., p. 61. 592. India, Madras, Report of Committee on Co-operation, p. 32. India, Central Banking Committee Report, Vol. I, Pt. I, p. 144. 593• 594-V. L. Mehta, Co-operative Finance, p. 6. 595. 596. India, Report of Committee on Co-operation, p. xxxvi. 597∙ Co-operation in Bombay, p. 64. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 48. **5**98. 599. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 32. India, Burma, Report on the Working of the Co-operative Societies Act in 600. Burma for the Year ended the 30th June, 1923 (Rangoon, 1924), p. 9. India, Assam, Report of Banking Committee, Vol. 1, p. 141. 601. India, Burma, Report on Co-operative Societies, 1927-28, p. 7. 602. India, Burma, Report of Committee on Co-operation, p. 73. 603. India, Burma, Report on Co-operative Societies, 1928-29, p. 8. 604. 605. India, Burma, Report on Co-operative Societies, 1929-30, p. 5. India, Burma, Report of Committee on Co-operation, p. 6. 606. Co-operation in Bombay, p. 71. India, Mysore, Report on Co-operative Societies, 1929-30, p. 9. 607. 608. India, Report of Committee on Co-operation in India, p. 101. 6og. India, Burma, Report of Committee on Co-operation, p. 85. 610. 611. Co-operation in Bombay, p. 66. Ibid., p. 65. 612. 613. Ibid., p. 76, India, Central Banking Committee Report, Vol. I, Pt. I, p. 124. 614. 615. Ibid., pp. 124-25. India, Report of Committee on Co-operation in India, p. 127 616. India, Bengal, Report of Banking Committee, Vol. I, pp. 84-85. 617. 618. India, Bihar and Orissa, Report on Co-operative Societies, 1929, Appendix, p. xxui. India, Burma, Report of Committee on Co-operation, p. 29.

619.

620. Calvert, Law and Principles (1917), p. 70.

```
India, Royal Commission on Agriculture, Abridged Report, p. 54.
        India, Bombay, Report of Banking Committee, Vol. I, p. 89.
India, Baroda, Annual Report on Co-operative Societies, 1929, p
622.
623.
624.
        India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 131.
625.
        Ibid., p. 170.
        Crosthwaite, "Co-operative Banks," in Agricultural Indebtedness in India
626.
        and Its Remedies, p. 436.
627.
        Strickland, Studies in European Co-operation, Vol. II, p. 62.
628.
        India, Bengal, Report of Banking Committee, Vol. I, p. 95.
        India, Ajmer-Merwara, Report on Co-operative Societies, 1929-30, p. 12. India, Assam, Report of Banking Committee, Vol. I, p. 78.
62q.
630.
        India, Bombay, Report of Banking Committee, Vol. I, p. 162. India, Burma, Report of Committee on Co-operation, p. 95.
631.
632.
633.
        Ibid , p 94.
        India, Bengal, Report of Banking Committee, Vol. I, p. 92.
India, Central Banking Committee Report, Vol. I, Pt. I, p. 162.
634.
635.
636.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 12.
637.
        Ibid , p. 15.
638.
        India, United Provinces, Report of Co-operative Committee, p. 43.
639.
        India, Bengal, Report of Banking Committee, Vol. I, p. 96.
        India, Bombay, Report of Banking Committee, Vol. I, pp. 92-93
640.
641.
        India, Burma, Report of Committee on Co-operation, p. 91.
        Gold Coast, Department of Agriculture, Studies in Co-operation, p. 37.
642.
        India, Bombay, Report of Banking Committee, Vol. I, p. 91.
India, Punjab, Report on the Working of Co-operative Societies in the Punjab
643.
644.
       for the Year ending 31st July, 1928 (Lahore, 1929), p. 29.
India, Royal Commission on Agriculture, Abridged Report, p. 47.
645.
646.
        India, Punjab, Report on Co-operative Societies, 1929-30, p. 39.
647.
        India, Burma, Report of Committee on Co-operation, pp. 92-93.
648.
       Ibid , p. 92.
        India, United Provinces, Report of Banking Committee, Vol. I. p. 184.
649.
6<u>5</u>0.
        India, Punjab, Report of Banking Committee, Vol. I, p. 353.
65 r.
        India, Central Banking Committee Report, Vol. I, Pt. 1, p. 61.
652.
        Ibid , p. 179.
653.
        India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 58.
        India, Bengal, Banking Committee Report, Vol. I, p. 138.
India, United Provinces, Banking Committee Report, Vol. I, p. 163.
654.
655.
        India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
656.
        p. 2.
Talmakı, Rural Reconstruction, p. 13.
657.
658.
        India, Royal Commission on Agriculture, Abridged Report, p. 46.
        India, Assam, Report of Banking Committee, Vol. I, p. 91.
India, United Provinces, Banking Committee Report, Vol. I, p. 57.
659.
66ŏ.
        India, Madras, Report of Committee on Co-operation, pp. 9-10.
India, United Provinces, Report of Co-operative Committee, Appendix, p. 10.
66 I.
662.
663.
       Co-operation in Bombay, pp. 71-72.
India, Bengal, Report of Banking Committee, Vol. I, p. 136.
664.
665.
        Ibid., p. 154.
666.
        India, Report of Committee on Co-operation in India, p. 11.
667.
668.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 43.
        Gold Coast, Department of Agriculture, Studies in Co-operation, p. 27.
669.
        India, Madras, Report of Committee on Co-operation, p. 14.
67ō.
        Co-operation in Bombay, p. 86.
671.
        Ibid., p. 91.
        India, United Provinces, Report of Banking Committee, Vol. I, p. 191.
672.
        India, Bengal, Report of Banking Committee, Vol. I, p. 112.
673.
        India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 74.
674.
        V. Venkatasubbaiya, Rural Reconstruction in Alamuru Area (Royapettah,
675.
```

Madras, 1930), p. 146.

Co-operation in Bombay, p. 111.

676.

- India, Bombay, Report of Banking Committee, Vol. I. p. 112. 677. 678, Ibid., p. 111. 679. 680. India, Baroda, Annual Report on Co-operative Societies, 1929, p. 3. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 24. 681. India, Assam, Report of Banking Committee, Vol. I, pp. 92-93. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 19. India, Bengal, Report of Banking Committee, Vol. I, p. 140. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 30. 682. 683. 684. 685. Ibid., pp. 18-19. **686.** Ibid., p. 17. 687. 688. Ibid., p. 29. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 1930, p. 191. 68a. India, Bengal, Annual Report on Co-operative Societies, 1928-29, D. 21. 6qo. Ibid., p. 14. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 7. 691. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 692. *1930*, p. 80. 693. India, Bombay, Annual Report on the Working of Co-operative Societies in Bombay, 1929-30, p. 40. 694. India, Baroda, Annual Report on the Co-operative Societies, 1929, p. 8. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 695. 1930, p. 196. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 6q6. p. 13. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 697. p. 12. India, Mysore, Report on Co-operative Societies, 1929-30, p. 11. 698. India, Punjab, Report of Banking Committee, Vol. I, p. 59. 699. India, Punjab, Report on Co-operative Societies, 1929-30, pp. 27-28. 700. India, Travancore, Annual Report on Co-operative Societies, 1927-28, p. 15. 701. Co-operation in Bombay, p. 89. India, Bengal, Report of Banking Committee, Vol. I, p. 57. Strickland, Studies in European Co-operation, Vol. II, pp. 126-27. 702. 703. 704. Co-operation in Bombay, p. 99.
  India, Assam, Report on the Working of the Co-operative Societies in Assam 705. 706. for the Year ending on the 31st March 1930 (Shillong, 1930), p. 12. Incha, Bengal, Annual Report on Co-operative Societies, 1920-29, p. 7. Second All-Incha Co-operative Institutes Conference, Proceedings, p. 47. 707. 708. India, Mysore, Report on Co-operative Societies, 1929-30, p. 3. 709. India, Mysore, Report of Co-operative Committee, p. 25.
  India, Madras, Annual Report on Co-operative Societies for 1929-30, p. 46.
  V. L. Mehta, Origin and Growth of Co-operation in India, p. 9. 710. 711. 712. India, Report of Committee on Co-operation in India, p. 5. 713. Co-operation in Bombay, p. 216. 714. India, Bengal, Report of Banking Committee, Vol. I, p. 41. 715. 716. Ibid., p. 109. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 717. 1930, p. 180. Ibid., p. 173.
  Triplicane Urban Co-operative Society, Ltd., Thirty-Second Report, 718. 719. 1925-26, p. 5. Horace Plunkett Foundation, Ed., Year Book of Agricultural Co-operation, 720. 1931, p<u>.</u> 202. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 62.
- 722. Ibid., p. 61. India, Mysore, Report on Co-operative Societies, 1929-30, p. 13. 723. 724.

721.

India, Mysore, Report of Co-operative Committee, p. 24. India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 18. India, Coorg, Report on Co-operative Societies, 1929-30, p. 2. 726.

779. 780.

78ı.

Darling, Punjab Peasant, p. 272.

Darling, Rusticus Loquitur, p. 189.

India, Punjab, Report on Co-operative Societies, 1929-30, p. 37.

```
India, Kashmir, Fifth Report on the Working of Co-operative Societies in the
        Jammu and Kashmir Government, uptil 31st Bhadon, 1984 (16th September,
        1927) (Srinagar, 1985 (1928)), p. 7.
India, Burma, Report on Co-operative Societies, 1929–30, p. 24.
728.
729.
       India, Bihar and Orissa, Report on Co-operative Societies, 1929, p 33.
730.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 42.
       India, Baroda, Annual Report on the Working of the Co-operative Societies in the Baroda State, for the Year 1930 ending 31st December (Baroda, 1931), p. 7. India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
731.
732.
        India, Assam, Report on Co-operative Societies, 1929-30, p. 11.
733-
        India, Assam, Report of Banking Committee, Vol. I, p. 142.
734.
        India, Central Provinces, Report of Committee on Co-operative Societies, p. 37.
735.
736.
        India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 24.
        India, Bengal, Report of Banking Committee, Vol. I, p. 140.
737.
738.
        Ibid., pp. 154-55.
        India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 32.
739-
        India, Madras, Annual Report on Co-operative Societies, 1929-30, pp. 28-29.
740.
       India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 63. India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
741.
742.
        p. 31.
Ibid., pp. 13-14.
743.
        Co-operation in Bombay, p. 242.
744.
        India, Madras, Report of Committee on Co-operation, p. 58.
India, Bengal, Report of Banking Committee, Vol. I, pp. 154-55.
745.
746.
747·
748.
        Co-operation in Bombay, p 207.
India, Report of Committee on Co-operation in India, p. 9.
        India, Bengal, Report of Banking Committee, Vol. I, p. 123.
749.
        India, Royal Commission on Agriculture in India, Abridged Report, p. 71.
750.
        India, Bengal, Report of Banking Committee, Vol. I, p. 145.
751.
        India, Baroda, Annual Report on Co-operative Societies, 1929, p. 11.
752.
        India, Mysore, Report on Co-operative Societies in Mysore, 1929-30, p. 14.
753-
754.
        Ibid., pp. 13-14.
        India, Mysore, Report of Co-operative Committee, p. 22.
India, Punjab, Report on Co-operative Societies, 1929-30, p. 48.
755.
756.
757.
758.
759.
760.
        Ibid, p. 49.
Co-operation in Bombay, p. 244.
        India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 69.
        India, Coorg, Report on Co-operative Societies, 1929-30, p. 6.
761.
        India, Bengal, Annual Report on Co-operative Societies, 1928-29, pp. 24-25.
762.
        India, Madras, Report of Committee on Co-operation, p. 5.
763.
        Ibid , p. 56.
764.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 30.
765.
        Ibid., p. 51.
766.
        Ibid, p. 44. India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 31.
767.
768.
        India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 72.
        India, Burma, Report on Co-operative Societies, 1928-29, p. 26.
769.
        India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 93.
770.
        India, Mysore, Report of Co-operative Committee, p. 21.
771.
       India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 27. India, Bengal, Report of Banking Committee, p. 148.
772.
773-
        Kaji, Urban Co-operative Credit, p. 2.
774-
       Co-operation in Bombay, p. 6. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 30.
77<u>5</u>.
776.
        India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 17.
777.
778.
        India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 26.
```

```
Strickland, Studies in European Co-operation, Vol. II, p. 151.
 782.
 783.
         India, United Provinces, Report of Co-operative Committee, p. 31.
 784.
         Wolff, Co-operation in India, p. 77.
         Indian Tear Book, 1931, p. 441.
India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 45.
 785.
 78Ğ.
 787.
788.
         India, Punjab, Report on Co-operative Societies, 1929-30, p. xliv.
         India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 27.
 <del>7</del>89.
         Co-operation in Bombay, p. xxx.
India, Madras, Report of Committee on Co-operation, p. 15.
 790.
         India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 25.
 791.
         India, Burma, Report of Committee on Co-operation, p. 55.
 792.
         India, Burma, Report on Co-operative Societies, 1929-30, p. 19.
 793.
         India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 39. India, Punjab, Report on the Working of the Co-operative Societies in the Punjab
 794.
 795.
        for the Year ending 31st July, 1920 (Lahore, 1920), p. 29.
India, Report of Committee on Co-operation in India, p. 10.
 796.
         India, Burma, Report on Co-operative Societies, 1928-29, p. 20.
 797.
 798.
         India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 12.
799.
800.
         Ibid., p. 28.
         India, Bengal, Report of Banking Committee, Vol. I, p. 101.
801.
         India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 12.
         India, Bombay, Report of Banking Committee, Vol. I, p. 253.
India, Ajmer-Merwara, Report on Co-operative Societies, 1929-30, p. 16.
 802.
 803.
         The Place of Co-operation in National Life (Bombay, 1930), p. 6.
804.
805.
         India, Punjab, Report on Co-operative Societies, 1929-30, p. 47.
India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 16.
8oĞ.
807.
         India, Mysore, Report on Co-operative Societies in Mysore, 1929-30, p. 7.
808.
         Ibid., p. 12.
         India, Mysore, Report on Co-operative Societies, 1928-29, p. 13.
809.
         India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
810.
         India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 19.
811.
         Second All-India Co-operative Institutes' Conference, Proceedings, p. 11.
812.
         India, Burma, Report on Co-operative Societies, 1929-30, pp. 24-25.
813.
814.
         Co-operation in Bombay, p. 303.
815.
         Ibid., p. 30.
816.
         India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 67.
817.
818.
         Ibid., p. 5
         Ibid., p. 66.
         India, Mysore, Report of Co-operative Committee, p. 26.
India, Report of Royal Commission on Labour in India, pp. 291-92.
819.
 820.
         India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 64. India, Punjab, Report on Co-operative Societies, 1929-30, p. 53. F. L. Brayne, The Remaking of Village India (Oxford, 1929), p. 204.
 821.
 822.
823.
         Darling, Rusticus Loquitur, p. 111.
 824.
825.
         India, Baroda, Annual Report on Co-operative Societies, 1930, p. 14.
         India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 28.
826.
         V. L. Mehta, Origin and Growth of Co-operation in India, p. 10.
827.
828.
         The Servants of India Society, Poona, Report of Work from 1st April 1928
         to 12th June, 1930 (Poona, 1930), p. 19.
         Talmaki, Rural Reconstruction, p. 5.
829.
         India, Kashmir, Report on Co-operative Societies, 1926-27, p. 4-
830.
831.
         India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 27.
         India, Bengal, Report of Banking Committee, Vol. I, p. 135.
 832.
         India, United Provinces, Report of Co-operative Committee, p. 30.
• 833.
         India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 31.
834.
         India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 23. India, Punjab, Report on Co-operative Societies, 1929-30, p. 51. India, Burma, Report on Co-operative Societies, 1927-28, p. 19.
835.
836.
```

India, Mysore, Report on Co-operative Societies, 1928-29, p. 17.

890.

891.

```
India, Madras, Report of Committee on Co-operation, p. 12.
839.
        India, Punjab, Report on Co-operative Societies, 1929-30, p. 52.
840.
        Darling, Rusticus Loquitur, p. 113.
841.
842.
        Strickland, Studies in European Co-operation, Vol II, p. 141.
843.
        India, Madras, Report of Committee on Co-operation, p 18.
844.
         India, Ajmer-Merwara, Report on Co-operative Societies, 1929-30, p. 13.
845.
         India, Punjab, Report on Co-operative Societies, 1929-30, pp. 32-33.
        India, Baroda, Annual Report on Co-operative Societies, 1930, p. 8. India, Mysore, Report on Co-operative Societies, 1928-29, p. 27.
846.
847.
848.
        India, Director of Public Information, India in 1929-30, p. 442.
849.
         India, Madras, Annual Report on Co-operative Societies, 1929-30, p 49.
        India, Punjab, Report on Co-operative Societies, 1929-30, pp. 34, 38.
850.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 6
851.
852.
        India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 59. India, Punjab, Banking Committee Report, Vol. I, p. 107
853.
        India, Madras, Report of Committee on Co-operation, p. 68.
India, Bombay, Annual Report on Co-operative Societies, 1929-30, p 17.
854.
855.
        India, Madras, Annual Report on Co-operative Societies, 1929-30, pp. 47-48.
856.
        India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 22.
857.
858.
        India, Bengal, Report of Banking Committee, Vol. I, pp. 52-53
        India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
859.
        India, United Provinces, Report of Banking Committee, Vol. I, p. 180.
86o.
86ı.
        India, United Provinces, Annual Report on Co-operative Societies, 1929-30,
862.
        India, Bihar and Orissa, Report on Co-operative Societies, 1929, p. 1.
863.
        India, Burma, Report on Co-operative Societies, 1929-30, p. 1.
864.
        Ibid., p. 8.
865.
        Plunkett, Co-operation as a Factor in Development of Rural India, p. 4.
        India, Bihar and Orissa, Report of Committee on Co-operation, p. 16.
86Ğ.
        India, Punjab, Report on the Working of the Co-operative Societies in the Punjab
867.
        for the year ending 31st July, 1923 (Lahore, 1923), p. 5.
868.
        India, Madras, Report of Committee on Co-operation, p. 59
        India, Royal Commission on Agriculture in India, Abridged Report, p. 18.
869.
        Ibid , p<u>.</u> 19
870.
        India, Bombay, Report of Banking Committee, Vol. I, p. 168.
871.
        Kaji, Urban Co-operative Credit, p. 4.
India, Central Provinces, Report of Committee on Co-operative Societies, p. 1.
872.
873.
874.
        India, Mysore, Report of Co-operative Committee, p. 55
        India, Punjab, Report on Co-operative Societies, 1929-30, p. 29.
875.
        India, Bengal, Report of Banking Committee, Vol. I, p. 150.
India, Assam, Report of Banking Committee, Vol. I, p. 150.
876.
877.
        India, Gwalior, Report on the Working of Co-operative Societies, Gwalior State,
        for 1926-27, Samuat 1983 (Gwalior, 1927), p 4. India, United Provinces, Report of Co-operative Committee, p. 45.
879.
880.
        India, Report of Committee on Co-operation in India, p. 109.
        India, Punjab, Report of Banking Committee, Vol. I, p. 344. India, Assam, Report of Banking Committee, Vol. I, p. 132
.188
882.
        India, Bihar and Orissa, Report of Banking Committee, Vol I, p. 120.
883.
884.
        India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 15. Plunkett, Co-operation as a Factor in the Development of Rural India, p. 25 Gilbert Slater, "Co-operative Stores in India," in Indian Co-operative Studies (London, etc., 1920), p. 238.
885.
886.
887.
        India, Report of Committee on Co-operation in India, p. 12.
Pantulu, "Co-operation and Agriculture," in Madras Jour. of Co-
888.
        Pantulu, "Co-operation operation, XXII, p. 10.
889.
        Strickland, Studies in European Co-operation, Vol. II, pp. 99, 130.
```

India, Burma, Report of Committee on Co-operation, p. 4.

India, Burma, Report on Co-operative Societies, 1929-30, p. 13.

Co-operation in Bombay, p. lvi.

893. India, Burma, Report of Banking Committee, Vol. I, p. 176. India, United Provinces, Report of Banking Committee, Vol. I, p. 198. 894. 895. India, Central Provinces, Report of Committee on Co-operative Societies, p. 8a6. India, Central Banking Committee Report, Vol. I, Pt. I, pp. 130-31. 897. 898. India, Report of Committee on Co-operation in India, p. 111. Ibid , p. 20. 899. India, Madras, Report of Committee on Co-operation, p. 94. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 10. 900. 901. India, Royal Commission on Agriculture in India, Abridged Report, p. 51. India, Assam, Report of Banking Committee, Vol. I, p. 133. 902. Second All-India Co-operative Institutes' Conference, Proceedings, p. 18. 903. 904. India, Bombay, Report of Banking Committee, Vol. I, p. 157. Calvert, Law and Principles, (1917), p. 123 905. 906. Venkatasubbaiya, Rural Reconstruction in Alamuru Area, p. 5. 907. India, Assam, Report of Banking Committee, Vol. I, p. 147. 908. Ibid , p. 138. India, Bihar and Orissa, Report of Banking Committee, Vol. I, p 156. 909. 910. India, Assam, Report of Banking Committee, Vol. I, p. 128. India, United Provinces, Annual Report on Co-operative Societies, 1929-30, 911. pp. 2, 8.
Darling, Punjab Peasant, p. 265.
India, Bornbay, Annual Report on Co-operative Societies, 1929-30, p. 13.
India, United Provinces, Report of Co-operative Committee, p. 11.
India, Madras, Report of Co-operative Committee, p. 37.
India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 34. 912. 913. 914. 915. 916. India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 39. 917. India, Director of Public Information, India in 1929-30, p. 422. 918. India, Burma, Report on Co-operative Societies, 1928-29, p. 14. 919. India, Bihar and Orissa, Report on Co-operative Societies, 1929, pp. 2-3. 920. India, Mysore, Report on Co-operative Societies, 1929-30, pp. 5-6. 921. Ibid., p. 8. 922. India, Report of Committee on Co-operation in India, p. 47. India, Central Provinces, Report on Co-operative Societies, 1928-29, p. viii. 923. 924. India, Madras, Report of Co-operative Committee, p. 40. 925. India, United Provinces, Report of Banking Committee, Vol. I, p. 69. 926. India, Mysore, Report of Co-operative Committee, p. 12. 927. India, Bihar and Orissa, Banking Committee Report, Vol. I, p. 135, Bengal, Banking Committee Report, Vol. I, p. 135, Bengal, Banking Committee Report, Vol. I, p. 153.

India, Royal Commission on Agriculture, Abridged Report, pp. 49-50.

Brayne, Remaking of Village India, p. 180. 928. 929. 930. India, Hyderabad, Annual Report on Co-operative Societies, 1928-29, p. 8. 931. Ibid., p. 42. India, Report of Committee on Co-operation in India, p. 7. 932. 933-India, United Provinces, Report of Co-operative Committee, p. 32. 934. Plunkett, Co-operation as a Factor in Development of Rural India, p. 23. 935. India, Punjab, Report on Co-operative Societies, 1927-28, p. 16. 936. India, Punjab, Report on Co-operative Societies, 1922-23, p. 6. 937. 938. Brayne, Remaking of Village India, p. 63. India, Madras, Annual Report on Co-operative Societies, 1929-30, p. 13. India, Report of Royal Commission on Labour in India, p. 235. India, Bihar and Orissa, Banking Committee Report, Vol. 1, p. 56. 939-940. 941. India, Central Banking Committee Report, Vol. I, Pt. I, pp. 62-63. 942. India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 82. 943• Darling, Punjab Peasant, p. 20. 944. Ibid., p. 280. 945. India, Bihar and Orissa, Report of Banking Committee, Vol. I, pp. 27, 139-946. 947· 948. *Ibid.*, p. 29.

India, United Provinces, Report of Banking Committee, Vol. I, p. 144. India, Bombay, Report of Banking Committee, Vol. I, p. 64.

# References

- India, Bombay, Annual Report on Co-operative Societies, 1929-30, p. 31. India, Burma, Report of Committee on Co-operation, p. 10. India, Kashmir, Report on Co-operative Societies, 1926-27. 951. 952. 953. India, Ajmer-Merwara, Report on Co-operative Societies, 1929-30, p. 4; Gwalior, Report on Co-operative Societies, 1926-27, p. 17. India, Bengal, Report of Banking Committee, Vol. 1, p. 194. 954. 955. India, Indore, Annual Report on Co-operative Societies in Dominions of H.H. the Maharaja Holkar, Indore, for the Year 1925-26 (Indore, 1927), p. 6. 956. Venkatasubbaiya, Rural Reconstruction in Alamuru Area, pp. 5-6. Darling, Rusticus Loquitur, p. 323. 957. 958. India, Punjab, Report on Co-operative Societies, 1927-28, pp. 20-21. 959. India, Ajmer-Merwara, Report on Co-operative Societies, 1929-30, p. 4. India, Kashmir, Report on Working of Co-operative Societies, 1926-27, p. 5. 960. 961. India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 145. 962. Ibid., p. 150. India, Kashmir, Report on Working of Co-operative Societies, 1926-27, p. 14. Darling, Punjab Peasant, pp. 269-70. 963. 964. 965. Ibid., pp 261-62. <u>9</u>66. Co-operation in Bombay, pp. 17-18. Venkatasubbaiya, Rural Reconstruction in Alamuru Area, p. 6. 967. 968. India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 18. Calvert, Law and Principles (1917), p. 10. 969. India, Report of Committee on Co-operation in India, p. 11. 970. 971. India, Bihar and Orissa, Report of Banking Committee, Vol. I, p. 216. 972. Ibid., p. 149. India, United Provinces, Report of Banking Committee, Vol. I, p. 187. 973-Ibid., p. 188. 974. India, Bengal, Report of Banking Committee, Vol. I, p. 231. 975. India, Bengal, Annual Report on Co-operative Societies, 1928-29, p. 11. 976. India, Central Provinces, Report on Co-operative Societies, 1928-29, p. 18. 977. India, Bombay, Report of Banking Committee, Vol. I, p. 226. 978. Darling, Punjab Peasant, p. 188. Mukerjee, Foundations of Indian Economics, p. 430. 979. 980. India, Punjah, Report on Co-operative Societies, 1929-30, p. 9 Plunkett, Co-operation as a Factor in Development of Rural India, p. 22. India, United Provinces, Report of Co-operative Committee, p. 55. ğ81. 982. 983. 984. India, Royal Commission on Agriculture in India, Abridged Report, p. 64. 985. Darling, Rusticus Loquitur, p. 383. 986. India, Burma, Report of Committee on Co-operation, p. 109. 987. India, Burma, Report of Banking Committee, Vol. I, p. 185. ğ88. India, Punjab, Report on Co-operative Societies, 1929-30, p. 27. India, Royal Commission on Agriculture in India, Abridged Report ğ8g.
- pp. 49-50. India, Central Banking Committee Report, Vol. I, Pt. I, p. 145. 990. 991. Co-operation in Bombay. p. v
- India, Bihar and Orissa, Report of the Committee on Co-operation, p. 2. 992.
- Plunkett, Co-operation as a Factor in the Development of Rural India, p. 2. 993-

### INDEX

Note.—This is primarily a subject index, and the names of co-operative societies or of individuals prominent in the movement are not listed. For the same reason, and also because the different Provinces and States are repeatedly referred to, indexing under political divisions has been avoided as far as possible.

Advisory council for Registrar, proposed, 242

Agricultural supply societies, 174 et seq.; vide purchasing, co-operative

Agriculture, 2 et seq., 10, 22 et seq., 33, 196 et passim; vide crops; cultivation methods; livestock; marketing; and marketing, co-operative

Agriculturists' Loans Act of 1884, 52 et seq.; vide takavi loans

All-India Co-operative Institutes' Association, 92, 120 et seq, 144, 168 et sea.

et seq.
All-India Provincial Co-operative
Banks' Association, 144
Anti-malarial societies, 197

Anti-maiariai societies, 197
Apex co-operative bank, proposed,

Arbitration societies, 200; vide litigation, reduction of

Area of India, 1 et seq.

Artisans' credit societies, 106; vide industrial societies

Audit of co-operative societies, 55 et seq., 91 et seq., 113 et seq., 134

Bania, utilization of, by co-operative

societies, 158, 183
Banking facilities, 13 et seq, 45 et seq., 129 et seq., 139 et seq., 247,

Banking habit, encouragement of, 247 et seq.; vide banking facilities, deposits, members'; thrust promotion

Banking, indigenous, 15 et seq.; vide banking facilities; interest rates; usury

Better-farming societies, 196 Better-living societies, 195 et seq.

Z Co-op. Movement in India

Bombay Co-operative Societies Act of 1925, 57 et seq. Book adjustments, 90 et seq., 236 Branch banks, 134, 156 Burma Act No. VI of 1927, 57 et seq.

Capital, owned, of co-operative societies, vide capital, sources of; reserve fund; share capital

Capital, sources of, 65 et seq, 100, 124 et seq., 137 et seq., 148 et seq, 209; wde specific sources of capital Cash credits to primary societies by

central banks, 133, 237 et seq. Caste, 6 et seq. et passim

Central co-operative banks, 121-135, 147, 235 et seq.; unde capital, sources of; management of co-operative societies, etc.

Central sales organizations, 159 et seq., 166 et seq., 180, 182; vide marketing, co-operative

Climatic conditions, 2, 221 et passm; unde precarious tracts, co-operative societies in

Communal banks, 101 et seq. Communism, 251

Competition with commercial banks, 97, 129, 143 et seq.

Complexity of the problem, 213 et seq., 254 et seq et passim
Consolidation of land holdings, co-

operative, 184 et seq. et passim.

Contributions of co-operative societies to charitable and other public pur-

poses, 57, 84 et seq, 251
Co-operation, definitions of, 50 et seq.
Co-operation in India, history to

Co-operation in India, history to 1904, 50 st seq. Co-operative Credit Societies Act of

1904, 55 et seq.

Index 338

Co-operative Departments, administration, vide advisory council for Registrar, proposed; Government control

Co-operative Departments, co-operation with other Departments, 84, 107, 181, 184, 215 et seq., 234 Co-operative Societies Act of 1912,

56 et seg.

Co-operative societies, vide specific

types and functions

Co-operative societies, credit, vide credit societies, primary; central co-operative banks, provincial cooperative banks

Co-operative societies, non-credit, classification of, 153; vide specific

functions

Cottage industries, 22, 25, 177, 184; vide artisans' credit societies; industrial societies

Cotton marketing societies, 159 et seq. et passim

Credit needs, 13, 16, 38 et seq., 73 et

seq, 236 et seq. et passim

Credit policy of co-operative societies, 55, 62, 70 et seq., 75 et seq., 102 et seq, 132 et seq., 143, 150 et seq., 156, 178; mde credit needs; interest rates; normal credit statements; overdue loans; period of loans; security for loans

Credit, predominance among purposes of co-operation in India, 206,

238 et seq. et passim

Credit societies, agricultural, 59-96; vide interest rates; membership of co-operative societies, etc.

Credit societies, primary, 59-107; vide capital, sources of; interest rates,

Credit societies, urban, 97-107; vide debt redemption societies; depressed and backward classes, cooperation for; employees' credit societies; people's banks

Crop failure relief societies, 201 Crop mortgages, 72, 155-6; vide

security for loans Crops, principal, 3, 34 et passim

Cultivation methods, 34 et passim Current accounts of co-operative societies, 98 et seq, 126; vide de-posits, members'; and deposits, non-members'

Dairies, co-operative, 159, 162 Debentures, 138, 149 et seq. et passim Debt-redemption societies, 105, 153

et seq.; vide indebtedness; land mortgage banks Delays in granting loans, 236 et seq.

et passim De-officialization, movement for, 223

ei seq. Deposits, members', 69 et seq., 124,

126, 140, 210, 245

Deposits, non-members', 69 et seq, 124, 126, 140, 210

Depressed and backward classes, cooperation for, 105, 153 et seq , 199, 246 et seq.

Dyarchy, 29 et seq. et passim

Education, co-operative, 118 et seq, 226 et seg. et passim

Education, general, 7, 85, 198, 250 et passim; vide illiteracy

Education, technical, of artisans, 178, 180, et passim; vide Co-operative Departments, co-operation with other Departments

Employees credit societies, 102 et seq. England's economic policy towards India, wide tariff policy

Failure of co-operation to serve neediest strata, 240 et seg.

Famine commission of 1901, report

Finance available to the movement, 119, 219 et seq.; vide Government assistance

Fodder storage societies, 201 Fruit-plantation societies, 201

Ganja, co-operative marketing of, 159, 162

Ghee, co-operative marketing of, 163 Government assistance, 65, 127, 140, 148 et seq.; mde finance available to the movement

Government control, 50, 56, 221 et seq et passim; vide advisory council for Registrar, proposed; de-officialization, movement for

Government of India Act of 1919, 29 et seq., 57 Grain golas, 64

Honorary organizers, 115 et seq., 254 Housing situation, 37, 170 et seq, 213 et passim; vide housing societies, co-

operative Housing societies, co-operative, 191 et seq. et passım

Illiteracy, 7, 35, 218, 228, 233 et passim; vide education, general

Imperial Bank of India, 13, 139; vide banking facilities Income, per capita, 11 et seq., 36;

vide poverty

Indebtedness, 38 et seq, 42 et seq., 155, 240, 245 et seq, 254; vide debtredemption societies; land-mortgage banks; usury

Industrial societies, 177-184 et passim; vide artisans' credit societies

Insurance, co-operative, 188 et seq. et

Interest, compound, 42 et seq., 45;
vide interest rates; usury

Interest rates, 41, 80 et seq., 133, 153, 234, 244 et seq., 254, et passim; vide interest, compound; usury

Iron and steel industry, 23

Irrigation, 2, 10, 13, et passim; vide irrigation-promotion societies Irrigation-promotion societies, 186 et seq.

Joint-stock banks, vide banking facilities

Jute industry, 24; vide jute-marketing societies

Jute-marketing societies, 159, 161 et passim

#### Khaddar, 26, 222

Labour, vide housing situation; wages, et passim

Labour-contract societies, 187 et seq. Land cultivation, co-operative, 198 et

Land Improvement Act of 1883, 52 et seq.

Land-reclamation societies, 187
Land revenue, 17 et seq, 213; vide
land-revenue redemption societies

land-revenue redemption societies Land-revenue redemption societies, 201

Land tenure, 17 et seq., 151, 213 et passim Languages, diversity of, 7 et passim Legislation, co-operative, in British India; vide specific acts

Legislation, co-operative, in Indian States, 58

Liability of co-operative-society members, 55 et seq., 63 et seq., 96 et seq. et passim; vide liquidation of cooperative societies

Liquidation of co-operative societies, 96 et seq., 109, 135, 212 et seq., 232 et seq.; mde hability of co-operative-society members

Litigation, reduction of, 199, 250

Livestock, 3, 11; vide stock breeding, co-operative

Long-term credit, vide credit needs; land-mortgage banks; period of loans

Madras draft bill for co-operative societies, 57, 225

Management of co-operative societies, 64, 85 et seg., 99 et seq., 104, 125 et seq., 140 et seq., 165 et seq, 176, 182 et seq, 237 et seq et passim

Manufacturing, 11 et seq., 22 et seq; unds cottage industries; individual industries

Market-leasing societies, 201

Marketing, 34 et seq.; vide central sales organizations; industrial societies; marketing, co-operative

Marketing, co-operative, 154-169 et passim; ude central sales organizations; industrial societies; marketing; specific commodities

Markets, regulation of, 159 et seq. Match industry, 24

Membership in co-operative societies, 55, 60, 101, 120, 122 et seq, 136 et passim

Milk marketing, co-operative, wide dairies, co-operative

Mineral resources of India, 3 et seq., 11 Money-lenders; wide banking, indigenous; interest rates; usury

Mortgage security; vide credit policy of co-operative societies; security for loans

Multi-purpose v. single-purpose societies, 216 et seq. et passim

Nationalism, 31 et seq , 251 Natural resources of India, 2 et seq.; nde crops; livestock; mineral resources

Nicholson investigation, 54 Nidhis, 51

Non-Go-operation, 32 Normal credit statements, 75, 132-133, 138

Occupations, 22 et seq., 26, 33 et seq. et passm; vide agriculture; cottage industries; manufacturing; specific industries; subsidiary occupations Overdue loans, 82 et seq., 107, 152, 211, 228 et seq.

Paddy sale societies, 159, 162
Paper adjustments; nds book adjustments

Pathans; vide usury

People's banks, 97 et seq. et passim; vide communal banks Period of loans, 78 et seq., 145 et seq., 151 et passim; vide credit policy of co-operative societies; land-mortgage banks Pest-prevention society, 201 Pharmacy, co-operative, 201 Physical culture societies, 201 Political background of co-operation, 27 et seq., 57, 222 Political pressure on co-operators, 222 Population of India, 1, 4 et seq. Population, percentage affected by the co-operative movement, 207 Poverty, 1, 11 et seq., 36 et seq , 254; vide housing situation; income, per capita, indebtedness Power-pump societies, co-operative, 201 Precarious tracts, co-operative societies in, 78-9, 221, 241 et seq. Profits of co-operative societies, 55 et seq, 84 et seq., 134 et seq., 144 et seq. Propaganda, 114 et seq. et passim Provincial co-operative banks, 126, 132, 134, 135-45, 235; vide credit policy of co-operative societies, membership in co-operative societies, etc. Provincial co-operative institutes, 112 et seq. Public sentiment towards co-operation, 253 et passim Purchase and sale unions, 157 et seq. Purchase on indent, 176-77 Purchasing, co-operative, 169 et seq. et passim; vide industrial societies; purchase and sale unions; pur-

Religions of India, 6
Reserve bank of India, proposed, 13, 139; vide banking facilities
Reserve fund of co-operative societies, 64 et seq., 67, 246 et passim; vide capital, sources of Roads, 21 et passim
Rural reconstruction; vide better living societies; better farming societies; depressed and backward classes, co-operation for

Rediscount facilities, 139; vide bank-

chase on indent

Railways, 10, 13, 20 et seq.

Races of India, 4

ing facilities

Salary-earners' societies; *vide* employees' societies Saving to co-operators, 244 et seq.; vide interest rates; thrift promotion Security for loans, 56, 71 et seq., 182 et passim; vide credit policy of cooperative societies Share capital of co-operative societies, 57, 66 et seq , 138, 246; vide capital. sources of Social ceremonial, expenditures on, 76, 196, 250, 254 Social customs, 7 et seq.; vide social ceremonial, expenditures on Stock breeding, co-operative, 200; vide livestock Subsidiary occupations for agricultur-18ts, 184 et passim Sugar-cane, co-operative marketing of, 163 Supervision, 91 et seq., 94 et seq., 107 et seq., 131 et seq, 134 et seq, 142, 174, 220, 233 et passim

Takan loans, 52 et seq., 141
Tariff policy, 23 et seq.
Textile industry, 23 et seq.
Thrift promotion, 102 et seq, 195, 248 et seq, 254 et passim
Topography and soils of India, 2 et seq.
Trade, foreign, 20
Trade, internal, 19 et seq.
Transportation, 20, 34 et seq; inde railways, roads

Swadeshs, 26

Unions, banking, 120-21 Unions, guaranteeing, 108 et seq. Unions, supervising, 110 et seq. Usury, 40 et seq., 242 et seq. et passim; vide indebtedness; interest, compound; interest rates

Villages of India, 9 et seq; vide villages, coverage by co-operative societies Villages, coverage by co-operative societies, 208 et seq. et passim Vital statistics, 4\*et seq; vide population of India

Wages, 11 et seq, 179, 213 et seq.
Warehouses, licensed, 159 et seq.
Wealth, national, 10 et seq; wde
income, per capita; poverty
Weights and measures, standardization of, 165
Working capital, total, 209 et seq., 247
et seq. et passm; wde capital, sources
of; specific sources of capital

Zemindarı banks, 64

EUL-34