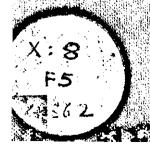
AN INTRODUCTION TO INDUSTRIAL ADMINISTRATION

JOHN LEE, C.B.E. M.A.M.Com.



Dhananjayarao Gadgil Library

GIPE-PUNE-004862

AN INTRODUCTION TO INDUSTRIAL ADMINISTRATION

BY

JOHN LEE

C.B.E., M.A., M.COM.SC.

AUTHOR OF "INDUSTRIAL ORGANIZATION," "MANAGEMENT"
"PLAIN ECONOMICS," THE PRINCIPLES OF INDUSTRIAL
WELFARE," "CHRISTIAN SOCIAL DUTY," ETC.



LONDON R ISAAC PITMAN 8

SIR ISAAC PITMAN & SONS, LTD. PARKER STREET, KINGSWAY, W.C.2 BATH, MELBOURNE, TORONTO, NEW YORK 1925

BY THE SAME AUTHOR AND FROM THE SAME PUBLISHERS

The Principles of Industrial Welfare.

This is a pioneer book. There are many books which deal with the practice of industrial welfare, but there has been no previous attempt to discover the underlying principles, to analyse the various efforts which can be grouped under the heading of welfare methods, or to correlate the movement to its position in the history of industrial development.

In demy 8vo, cloth gilt, 103 pp., 5s. net.

Industrial Organization.

Developments and Prospects.

This book is based upon a series of lectures delivered at Cambridge University at the instance of the Board of Economics. It records in convenient form what is really a mass of information on various recent developments of industrial organization throughout the world. Various chapters deal with industrial organization in the United States, past and present tendencies in France, Germany, and Italy, industrial organization in England, general tendencies and indications.

In demy 8vo, cloth gilt, 130 pp., 5a. net.

Management.

A Study of Industrial Organization.

The many problems connected with industrial organization are discussed in this book, which is written by one who has the control of a very large staff. Chapters are devoted to such subjects as Functional Management, Co-ordinate Management, Promotion and Discipline, Theories of Wages, Scientific Management, Welfare Methods, Whitley and Shop Committees.

In demy 8vo, cloth gilt, 133 pp., 5g. net.

Plain Economics.

An Examination of the Essential Issues.

The purpose of this book is to give stimulus to thought, and it attempts to make plain some complicated issues. Written by an author well qualified for his task, it should command the attention of all students of economics.

In crown 8vo, cloth gilt, 118 pp., 3s. 6d. net.

4862

PRINTED IN GREAT ERITAIN AT THE FITMAN PRESS, RATH

TO FREDERICK B. PALMER MY FRIEND

PREFACE

This book introduces the reader to the new science of Industrial Administration. Attention has been directed to this science largely by evidences of industrial unrest. That unrest, it is the author's claim, like other forms of discontent, is an evidence rather of the beginning of betterment in mutual relationships than of despair: in itself it is an encouragement. It is the author's view that it is to be met by calm and fearless enquiry, and not by sentiment or benevolence, though he would contend that the aim of the calm and fearless enquiry must be more justice and more frankness and more trust. Yet the book has been written from the point of view of an introductory exposition and not from the point of view of any particular propaganda. In any state of industrial ownership whatever, there must direction and planning and costing and distribution. No system of production can recklessly neglect the lessons which we have learned from long experience with industrial production. Nor can we overlook the value of the somewhat changed focus of to-day, wherein the human element becomes the factor of greatest importance. The student will have his own outlook, and he is to be encouraged to have that outlook. All that this little book attempts is to suggest some other outlooks which the student may care to correlate with his own. For this is a science which is not to be learned from books. The resultant experience of men in industry may be stated in a book, and even then it is unhappily only a very imperfect statement. Direct contact with industrial conditions is the only school, and all that I propose to do is to help the student to benefit intelligently and without prejudice from his direct and personal contact, and to inspire him, if I am so fortunate.

vi

PREFACE

with aims and ideals in his day-by-day task. A portion of the eleventh chapter has already appeared in the Report of the Industrial Welfare Conference at Oxford in September, 1924. It is included in this book by the kindness of the Industrial Welfare Society.

JOHN LEE.

August, 1925.

CONTENTS

	-									
CHAP,										PAGE
	PREF	ACE	•	•	•	•	•	•	•	V
I.	THE	PRESU	MPTIO	NS OF	THE	SCIEN	ICE	-	•	I
II.	CAPI	TAL	•	•	•	•	•	• -	•	17
m.	THE	EXPAN	SION	OF IN	DUSTI	RY	•	•	•	33
IV.	THE	ORGAN	IZATI	ON OF	AN I	NDUS	TRY .			45
v.	TRAI	NING	•	•	•	•	•	•		58
VI.	RESE	ARCH,	COST	NG A	ND PL	ANNIN	īG	•		73
VII.	LABO	UR								89
VIII .	WAG	ES				. ,			•	102
ıx.	STAN	DARDI	ZATIO	N OF	PROCE	ess an	ID PR	opuci	۲.	123
x.	SALE	SMANS	HIP	•	•		•	•		136
×Ι.	THE	PURPO	SE OF	INDU	JSTRY		•	•		149
XII.	THE	FUTUR	E OF	INDU	STRY		•			175
	BIBL	IOGRAI	PHY	•		. ;	•			191
	INDE	x	_		_	_	_	_	_	ros

BIBLIOGRAPHY

Principles of Economics, by Professor Marshall (Macmillan).

The Economics of Welfare, by Professor A. C. Pigou (Macmillan).

Industry and Civilization, by C. Delisle Burns (George Allen and Unwin).

Economics, by Professor Hadley (Putnam).

Cours d'Économie Politique, by Professor Charles Gide (Larose et Forcel).

Christian Socialism (1848-1854), by C. E. Raven (Macmillan). Theory and Practice of Costing, by E. W. Newman, A.C.A. (Pitman).

The Economics of Overhead Costs, by John Maurice Clark (Chicago University).

Costing and Price-fixing, by J. M. Scott-Maxwell (Pitman). Reconstruction, by J. D. Whelpley (Funk and Wagnalls). Industrial Welfare, by John Lee (Pitman).

Les Œuvres Sociales des Industries Métallurgiques, by Robert Pinot (Librairie Armand Colin).

Code Pratique du Travail (Administration des Annales des Justices de Paix).

The Psychology of Management, by Lillian M. Gilbreth (Pitman). The Philosophy of Management, by Oliver Sheldon (Pitman). Scientific Management and Labour, by R. F. Hoxie (Appleton). Principles of Scientific Management, by F. W. Taylor (Harper). Labour and Capital after the War, by S. J. Chapman (Murray). Industrial Organization, by John Lee (Pitman). Methods of Industrial Remuneration, by D. F. Schloss (Williams

and Norgate).

The Labour Revolution, by Karl Kautsky (George Allen and Unwin).

Various articles in *Encyclopaedia Britannica*: Capital, Stocks and Shares, Arbitration and Conciliation, Labour Laws, Scientific Management.

INDEX

ADVERTISING, 144
Agriculture and Industry, 188
Amalgamated Engineers, 183
Antwerp docks, 71
Apprenticeship, 61, 69
Arbitration, 180
Atlantic Monthly, 153

BARRETT, Sir W., 75
Bauer, Otto, 12
Blanqui, 2
Bosanquet, Dr., 164
Bowden, Professor, 152
Bradford Dyers, 100
Branders, Mr Louis, 158
Bright, John, 182
Brown, Professor, 75
Brunner Mond, 45
Burns, Mr. Delisle, 23, 28, 45, 147

CADBURY, 97 Cahill, Mr. I. R., 77 Capital, 10, 17, 25, 26, 39 —, amount of, 26, 28, 81 -, distribution of, 20 Charleroi, 64 Clark, Professor, 38, 40 Coal Mines Amendment Act, 170 Cole, Mrs., 94 Collective mental life, 162 Combinations, vertical and horizontal, 37, 44, 113 Combines, lesser, 114 Commercial traveller, 139 Committees in administration, Companies Acts, 24, 25 Complaints, 163 Consular reports, 143 Costing, 79 Credit Sales, 141

DEPARTMENT of Overseas trade, 143 Development Associations, 21 Dickinson, Mr. Lowes, 147 Directors, 45 Discipline, 96, 161, 167 Economic Geography, 143 Education, 60, 67

FABER, Mr. Harold, 187
Factory Laws, 114, 176
Family Endowment, 121
Filene, Mr. E. A., 77
Fleming, Mr. A. P. M., 66
Florence, Dr. Sargent, 120
Ford, Mr. H., 71, 114, 148, 188
Foreman, 52
Freedom in Industry, 171

GINSBERG, Professor, 162 Graham, Mr. W., 120

Hadfield, Sir R., 75
Hadley, Professor, 45
Hadow, Sir H., 145
Hardware Retailer, 142
Hector Steel Works, 74
Henderson, Mr. H. D., 17, 20, 30
Hichens, Mr. W. L., 92
Human element, 161

INDUSTRIAL Disputes, 180

Fatigue Research, 120, 129

Institute, 184

Revolution, 2
Industry, Co-ordination of, 184

, expansion of, 33

, structure of, 7
Institute of Cost and Works
Accountants, 137

James, Professor W., 161 Jenkins, Mr. H. G., 98 Jevons, Professor, 104

KARTEL, 37 Kautsky, Karl, 12 Kere, Mr. Philip, 103

Labour, 89
—— banks, 112
Laski, Professor, 167
Lesser, Mr., 100
Leverhulme, Lord, 115
Lyttleton, Dr., 144

MACDOUGALL, Professor, 162
Maciver, Dr., 132, 150
Maine, Sir H., 160
Management, 48
Marshall, Professor, 58, 61
Marston, Mr. Maurice, 90
Mass production, 126, 130
Meredith, Professor, 187
Mess, Mr. H. A., 187
Monopoly, 38
Morris, William, 147
Myers, Dr. C. S., 52, 59

NATIONAL Institute of Industrial Psychology, 129 Newman, Mr. E. W., 82 New Statesman, 156

OSBURN, Professor, 157 Over-capitalization, 22 Overtime, 115

Pigou, Professor, 19, 27, 28, 38, 41, 69, 110, 116, 180
Planning, 84
Power, Electric, 175
Profit-sharing, 110
Pugh, Mr. Arthur, 22
Punishment, 169
Purpose of Industry, 149

RENOLD, Mr. C. G., 53, 85, 132 Reports, significant, 85, 87 Rowan system, 109 Rules and regulations, 167

SALESMANSHIP, 136
Scientific Management, 8, 13, 70, 129, 133
Shadwell, Dr., 93
Shaftesbury, Lord, 188

Shares, preference, 24
Sheldon, Mr. Oliver, 47, 49, 82
Siegfried, M. Andre, 5
Smith, Adam, 126, 128
Specialization, 131
Staff-and-line, 51
Standardization, 125
of product, 125
of human skill, 132
Students in training, 64

TANNER, Mr. H. E., 156
Taylor, F. W., 53, 70
Taylor, Mr. T., 111
Technology, 54
Trade Disputes Act, 93
— Unionism, 180
Training, 58
Truck Acts, 8
Trusts, 36, 113

URWICK, Mr. L., 29, 180 Ussher, Professor, 2 Victimization, 165 Vowles, Mr. H., 160

WAGES, minimum, 102

—, piece, 105

—, premium bonus, 109

—, time, 104

Wardropper, Mr., 83

Waste, 16

Welfare Movement, 172

Whelpley, Mr. J. D., 76, 86, 119

Whitley Report, 95

Women's work, 118

Works Councils, 96, 99, 113, 173, 179

YENSEN, Mr., 75

BOOKS by JOHN LEE

PUBLISHED BY

SIR ISAAC PITMAN & SONS, LTD.

INDUSTRIAL ORGANIZATION

Developments and Prospects

In demy 8vo, cloth gilt, 130 pp. 5s. net

This book is based upon a series of lectures delivered at Cambridge University at the instance of the Board of Economics. It records in convenient form what is really a mass of information on various recent developments of industrial organization throughout the world. Various chapters deal with industrial organization in the United States, past and present tendencies in France, Germany, and Italy, industrial organization in England, general tendencies and indications.

"The book is cramful of material not easily accessible elsewhere. Different chapters deal with developments and tendencies in the U.S., Germany, France, Italy, and Great Britain; and no one concerned with problems of industrial organization can afford to ignore these chapters which summarize in brief space the gist of the world's experiment in recent years."—The Glasgow Herald.

"All this forms interesting reading . . . and is presented with unusual sobriety and sense of perspective."—The Times.

MANAGEMENT

A Study of Industrial Organization

In demy 8vo, cloth gilt, 133 pp. 5s. net

The many problems connected with industrial organization are discussed in this book, which is written by one who has the control of a very large staff. Chapters are devoted to such subjects as Functional Management, Co-ordinate Management, Promotion and Discipline, Theories of Wages, Scientific Management, Welfare Methods, Whitley and Shop Committees.

"There must be many at the present time who are seeking for light on these vexed questions, and the perusal of Mr. John Lee's work should certainly be helpful to them."—Syren and Shipping.

PRINCIPLES OF INDUSTRIAL WELFARE

In demy 8vo, 103 pp. 5s. net

This is a pioneer book. There are many books which deal with the practice of industrial welfare, but there has been no previous attempt to discover the underlying principles, to analyse the various efforts which can be grouped under the heading of welfare methods, or to correlate the movement to its position in the history of industrial development.

"A book that should be possessed by everyone interested in industrial problems."
—Current Opinion.

PITMAN'S BOOKS

OI

INDUSTRIAL ADMINISTRATION, etc.

The Principles of Industrial Welfare. By John Lee, M.A., M.Com.Sc.	5/- net
Management. By the same Author	5/- net
Industrial Organization. By the same Author	5/- net
Factory Lay-out, Planning and Progress. By W. J. Hiscox	
Factory Administration in Practice. By the same Author.	•
The Principles of Industrial Administration, An Introduction to. By A. P. M. Fleming, C.B.E., M.Sc., M.I.E.E., and H. J. Brocklehurst, M.Eng., A.M.I.E.E.	3/6 net
Sharing Profits with Employees. By James A. Bowie, M.A.	•
The Philosophy of Management. By Oliver Sheldon, B.A.	•
The Psychology of Management. By L. M. Gilbreth .	7/6 net
Employment Management. By Daniel Bloomfield .	8/6 net
Problems of Labour. By Daniel Bloomfield. With an Introduction by Meyer Bloomfield	8/ 6 net
Modern Industrial Movements. By Daniel Bloomfield.	10/6 net
Lectures on Industrial Administration. By B. Muscio, M.A.	8/- net
Industrial Conflict: The Way Out. By The Right Hon. George N. Barnes. With a Foreword by Lord Cecil of Chelwood.	3/6 net
Industrial Control. By F. M. Lawson, A.M.Inst.C.E., A.M.I.Mech.E.	8/6 net
Workshop Committees. By C. G. Renold	1/- net
Outlines of Industrial Administration. By R. O. Herford, H. T. Hildage, M. Inst. C. E., and H. G. Jenkins	6/- net
Labour Attitudes and Problems. By W. E. Atkins, and	
	16/- net
Common Sense and Labour. By Samuel Crowther	8/6 net
Current Social and Industrial Forces. By Lionel D. Edio	
A Fair Wage. By Edward Batten	2/6 net
tion with Burton Kleine	10/6 net
Time Standardization of Workshop Operations. By T. Pilkington, M.I.Mech.E.	16/- net
The Control of Wages. By Walton Hamilton and Stacey May	5/- net

PITMAN'S BUSINESS HANDBOOKS

AN ABRIDGED LIST OF PRACTICAL GUIDES FOR :: BUSINESS MEN AND ADVANCED STUDENTS ::

COMPLETE LIST OF COMMERCIAL BOOKS POST PREE ON APPLICATION

BOOK-KEEPING AND ACCOUNTS

- ADVANCED ACCOUNTS. A Manual of Advanced Book-keeping and Accountancy for Accountants, Book-keepers, and Business Men. Edited by Roger N. Carter, M.Com., F.C.A., Lecturer on Accounting at the University of Manchester. In demy 8vo, cloth gilt, 988 pp. 7s. 6d. net.
- AUDITING, ACCOUNTING, AND BANKING. By Frank Dowler, A.C.A.; and E. Mardinor Harris, Associate of the Institute of Bankers. In demy 8vo, cloth gilt, 328 pp. 7s. 6d. net.
- THE PRINCIPLES OF AUDITING. A Practical Manual for Advanced Students and Practitioners. By F. R. M. DE PAULA (of the firm of De Paula, Turner, Lake & Co.), F.C.A. In demy 8vo, cloth gilt, 224 pp. 7s. 6d. net.
- ACCOUNTANCY. By F. W. PIKLEY, F.C.A., Barrister-at-Law, En-President of the Institute of Chartered Accountants. Third Edition. In demy 8vo, cloth gilt, 318 pp. 7s. 6d. net.
- AUDITORS: THEIR DUTIES AND RESPONSIBILITIES. By the same Author. Twelfth Edition. In demy 8vo, cloth gilt, 732 pp. 21s. net.
- AUDITING. By W. H. Bell, M.C.S., C.P.A. In demy 8vo, cloth gilt, 534 pp. 21s. net.
- COST ACCOUNTING: ITS HIGHER ORGANIZATION AND CONTROL. By W. AINSWORTH, A.C.I.S., A.C.W.A. In demy 8vo, cloth gilt, 103 pp. 51. net.
- COST ACCOUNTS in Principle and Practice. By A. CLIFFORD RIDGWAY, F.C.A. In demy 8vo, cloth gilt, with 40 specially prepared forms. 5s. net.
- COST ACCOUNTS FOR THE METAL INDUSTRY. By H. E. PARKES, M.Com., A.C.W.A. In demy 8vo, cloth gilt, 156 pp. 10s. 6d. net.
- THEORY AND PRACTICE OF COSTING. By E. W. NEWMAN, A.C.A. In demy 8vo, cloth gilt, 203 pp. 8s. 6d. net.
- COSTING AND PRICE-FIXING. By J. M. SCOTT MAXWELL, B.Sc. In demy Svo, cloth gilt, 223 pp. 6s. net.
- COSTING ORGANIZATION FOR ENGINEERS. By E. W. WORKMAN, B.Sc., A.L.A.A. In demy 8vo, cloth, 96 pp. 3s. 6d, net.
- MANUAL OF COST ACCOUNTS. By JULIUS LUNT, F.C.A. (Hons.). Third Edition. In demy 8vo, cloth gilt, 204 pp. 7s. 6d. net.
- MANUFACTURING BOOK-KREPING AND COSTS. By GEORGE JOHNSON, F.C.I.S. In demy 8vo, cloth gilt, 120 pp. 8s. 6d. net.

- COMPANY ACCOUNTS. By ARTHUR COLES, F.C.I.S. Second Edition. In demy 8vo, cloth gilt, 356 pp. 7s. 6d. net.
- DICTIONARY OF BOOK-KEEPING. By R. J. PORTERS. Second Edition. In demy 8vo, 780 pp. 7s. 6d. net.
- THE BOOK-KEEPER'S VADE MECUM. By S. HOWARD WITHEY, F.C.I., A.L.A.A. A pocket companion for the book-keeper. In crown 8vo, 150 pp. 8s. 6d. net.
- THE ACCOUNTANT'S DICTIONARY. Edited by F. W. PIXLEY, F.C.A., Barrister-at-Law. Assisted by about 30 specialist contributors. This important work places at the disposal of the practitioner a great store of information on all phases of accountancy, arranged in the most convenient form. In two vols., crown 4to, cloth gilt, about 1000 pp. 28 8s. net.
- PRINCIPLES AND PRACTICE OF BOOK-KEEPING AND ACCOUNTS. By B. G. Vickery, A.C.A., F.C.I.S., A.S.A.A., F.C.W.A., Size 104 in. by 6 in., cloth gilt, 571 pp. 12s. 6d. net.
- MANUAL OF BOOK-KEEPING AND ACCOUNTANCY. By A. NIXON, F.C.A., F.C.I.S., and H. E. EVANS, A.C.A. In demy 8vo, cloth gilt, 330 pp. 10s. 6d. net.
- THE ACCOUNTS OF EXECUTORS, ADMINISTRATORS, AND TRUSTERS. With a Summary of the Law in so far as it relates to Accounts. By WILLIAM B. PHILLIPS, A.C.A. (Hons. Inter. and Final), A.C.I.S. Fifth Edition, Revised. In demy 8vo, cloth gilt, 150 pp. 5s. net.
- APPORTIONMENT IN RELATION TO TRUST ACCOUNTS. By ALAN F. CHICK, Incorporated Accountant. In demy 8vo, cloth, 160 pp. 6s. net.
- PRACTICAL BOOK-KEEPING. By GEO. JOHNSON, F.C.I.S. In crown 8vo, cloth, 420 pp. 6s. net.
- BAILROAD ACCOUNTS AND STATISTICS. By C. E. WERMUTH. Size 6 in. by 9 in., 362 pp. 17s. 6d. net.
- RAILWAY ACCOUNTS AND FINANCE. Railway Companies (Accounts and Returns) Act, 1911. By ALLEN E. NEWHOOK, A.K.C. In demy 8vo, cloth gilt, 148 pp. 58, net.
- DEPRECIATION AND WASTING ASSETS, and their treatment in computing annual profit and loss. By P. D. LEAKE, F.C.A. Fourth Edition. In demy 8vo, cloth gilt, 257 pp. 15s. net.
- COMMERCIAL GOODWILL. Its History, Value, and Treatment in Accounts. By the same Author. In demy 8vo, cloth gilt, 260 pp. 21s. net.
- SINKING FUNDS, RESERVE FUNDS, AND DEPRECIATION. By J. H. BURTON, A.S.A.A. In demy 8vo, cloth, 99 pp. 84. 6d. net.
- ACCOUNTING. By S. S. DAWSON, F.C.A.; and R. C. De Zouche, F.C.A. In demy 8vo, cloth gilt, 290 pp. 10s. 6d. net.
- CONSIGNMENTS, ACCOUNT SALES AND ACCOUNTS CURRENT. By E. J. HAMMOND, A.C.I.S., A.L.A.A. In demy 8vo, cloth, 160 pp. 5a. net.
- BRANCH ACCOUNTS. By P. TAGGART, A.S.A.A. In demy 8vo, 87 pp. 84 net.
- BUILDERS' ACCOUNTS AND COSTS. By ROBERT C. LEGGE, Follow of the Institute of Costs and Works Accountants. In demy 8vo, cloth gilt, 130 pp. 8s. 6d. net.
- HOSPITAL ACCOUNTS AND FINANCIAL CONTROL. By J. E. STONE A.S.A.A. In crown 4to, cloth gilt, 160 pp. 21s. net.

BUSINESS TRAINING

- LECTURES ON BRITISH COMMERCE, including Finance, Insurance, Business, and Industry. With a Preface by the Hon. W. Pember Reeves. In demy 8vo, cloth gilt, 295 pp. 7s. 6d. net.
- THE THEORY AND PRACTICE OF COMMERCE. Being a Complete Guide to Methods and Machinery of Business. Edited by F. Herlis, F.C.I.S., assisted by Specialist Contributors. In demy 8vo, cloth gilt, 620 pp., with many facsimile forms. 7s. 6d. net.
- THE PRINCIPLES AND PRACTICE OF COMMERCE. By James Stephenson, M.A., M.Com., D.Sc. In demy 8vo, cloth gilt, 650 pp., with many facsimile forms. 8s. 6d. net.
- THE PRINCIPLES AND PRACTICE OF COMMERCIAL CORRESPONDENCE, By the same Author. In demy 8vo, 320 pp. 74, 6d. net.
- THE PRINCIPLES OF COMMERCIAL HISTORY. By the same Author. In demy 8vo, 279 pp. 7s. 6d. net.
- THE PRINCIPLES AND PRACTICE OF COMMERCIAL ARITHMETIC, By P. W. Norris, M.A., B.Sc. (Hons.). In demy 8vo, 452 pp. 7a. 6d. net.
- MODERN BUSINESS AND ITS METHODS. A Manual of Business Organization, Management, and Office Procedure for Commercial Students and Business Men. By W. CAMPBELL, Chartered Secretary. In crown 8vo, cloth, 493 pp. 7s. 6d. net.
- THE PRINCIPLES OF BUSINESS. By C. W. Gerstenberg. Third Edition. Size 51 in. by Sin., cloth, 821 pp. 16s. net.
- HOW TO BECOME AN AUCTIONEER AND ESTATE AGENT. By W. F. Nokes, F.A.I. In crown 8vo, cloth, 140 pp. 8s. 6d. net.

INSURANCE

- THE PRINCIPLES OF INSURANCE AND THEIR APPLICATION. By J. Alfred Eks. In demy 8vo, cloth, 186 pp. 5s. net.
- INSUBANCE. A Practical Exposition for the Student and Business Man. By T. E. Young, B.A., F.R.A.S. With a Practical Section on Workmen's Compensation Insurance, by W. R. Strong, F.I.A.; and the National Insurance Scheme, by VYVYAN MARR, F.F.A., F.I.A. Third Edition, Revised and Enlarged. In demy 8vo, cloth gilt, 440 pp. 10s. 6d. net.
- INSURANCE OFFICE ORGANIZATION, MANAGEMENT, AND ACCOUNTS. By T. E. Young, B.A., F.R.A.S.; and Richard Masters, A.C.A. Second Edition, Revised. In demy 8vo, cloth gilt, 150 pp. \(8s. \text{ net.} \)
- INSUBANCE PRINCIPLES AND PRACTICES. By R. RIEGEL and H. J. LOMAN. Size 6in. by 9in., cloth, 450 pp. 16s. net.
- THE PRINCIPLES OF COMPOUND INTEREST. By H. A. EDWARDS; F.I.A. In demy 8vo, cloth gilt, 135 pp. 5s. net.
- THE ELEMENTS OF ACTUARIAL SCIENCE. By R. E. UNDERWOOD, M.B.E., F.I.A. In crown 8vo, cloth, 148 pp. 5s. net.
- THE PRINCIPLES AND PRACTICE OF FIRE INSURANCE. By Frank Godwin. In demy 8vo, cloth gilt, 142 pp. 58, net.
- THE COMMON HAZARDS OF FIRE INSURANCE. By W. G. KUBLER RIDLEY, F.C.I.I. In demy 8vo, cloth gilt, 92 pp. 56, net.

- THE LAW AND PRACTICE AS TO FIDELITY GUARANTEES. By C. Evans, Barrister-at-Law; and F. H. Jones. In demy 8vo, cloth gilt, 172 pp. 6s. net.
- INSURANCE OF PUBLIC LIABILITY BISKS. By S. V. KIRKPATRICK, F.C.I.I. In demy 8vo, cloth gilt, 152 pp. 54. net.
- WORKMEN'S COMPENSATION INSURANCE. By C. E. Golding, LL.B., F.C.I.I. In demy 8vo, cloth gilt, 112 pp. 55. net.
- MOTOR INSURANCE. By W. F. Todd. In demy 8vo, cloth gilt, 176 pp. 64. net.
- GUIDE TO MARINE INSURANCE. By H. KBATE. Sixth Edition. In crown 8vo, cloth, 203 pp. 8s. 6d. net.
- GUIDE TO LIFE ASSURANCE. By S. G. Leigh, Fellow of the Institute of Actuaries. A Handbook of the Practical and Scientific Aspects of the Business. In crown 8vo, cloth, 192 pp. 56. net.
- LIFE ASSURANCE FROM PROPOSAL TO POLICY. By H. Hosking Tayler, F.I.A., A.C.I.I., and V. W. Tyler, F.I.A. In demy 8vo, cloth gilt. 6s. net.
- TALKS ON INSURANCE LAW. By Jos. A. Watson, B.Sc., I.L.B. In crown 8vo, cloth, 140 pp. \$s. 6d. net.
- PENSION, ENDOWMENT, LIFE ASSURANCE, AND OTHER SCHEMES FOR COMMERCIAL COMPANIES. By Harold Dougharty, F.C.I.S. In demy 8vo, cloth gilt, 103 pp. 6c. net.
- THE INSURANCE OF FOREIGN CREDITS. By H. J. LOMAN, Ph.D. Size 6 in. by 9 in., 144 pp. 10s. 6d. net.
- THE SUCCESSFUL INSURANCE AGENT. By J. J. Bisgood, B.A. In crown 8vo, cloth, 135 pp. 2s. 6d. net.
- THE BUSINESS MAN'S GUIDE TO INSURANCE. By A. PHILPOTT. In crown 8vo, cloth, 183 pp. 8s. 6d. net.

ORGANIZATION AND MANAGEMENT

- OFFICE ORGANIZATION AND MANAGEMENT. Including Secretarial Work. By Lawrence R. Dicksee, M.Com., F.C.A.; and Sir H. E. Blain, C.B.E. Seventh Edition, Revised. In demy 8vo, cloth gilt, 314 pp. 7s. 6d. net.
- COUNTING HOUSE AND FACTORY ORGANIZATION. A Practical Manual of Modern Methods applied to the Counting House and Factory. By J. GILMOUR WILLIAMSON. In demy 8vo, cloth gilt, 182 pp. 7s. 6d. net.
- FILING SYSTEMS. Their Principles and their Application to Modern Office Requirements. By EDWARD A. COPE. In crown 8vo, cloth gilt, 200 pp., with illustrations. 8s. 6d. net.
- BOLICITOR'S OFFICE ORGANIZATION, MANAGEMENT, AND ACCOUNTS. By E. A. Cope and H. W. H. Robins. In demy 8vo, cloth gilt, 176 pp., with numerous forms. 6s. net.
- COLLIERY OFFICE ORGANIZATION AND ACCOUNTS. By J. W. INNES, F.C.A.; and T. Colin Campbell, F.C.I. In demy 8vo. 7s. 6d. net.
- DRAPERY BUSINESS ORGANIZATION AND MANAGEMENT. By J. Ernest Bayley. In demy 8vo, cloth gilt, 300 pp. 7s. 6d. net.
- ORGANIZATION AND MANAGEMENT IN THE FLOUR MILLING INDUSTRY. By E. Leigh Pearson, M.Sc. (Tech.), A.I.C. In demy 8vo, cloth gilt, 254 pp. 12s. 6d. net.

- GROCERY BUSINESS ORGANIZATION AND MANAGEMENT. By C. L. T. BEECHING. With Chapters on Buying a Business, Grocers' Office Work and Book-keeping, etc., by J. A. SMART. Second Edition. In demy 8vo, cloth, 183 pp. 6s. net.
- STOCKBROKERS' OFFICE ORGANIZATION, MANAGEMENT AND ACCOUNTS. By Julius E. Day. In demy 8vo, cloth gilt, 250 pp. 7s. 6d. net.
- THE HISTORY, LAW, AND PRACTICE OF THE STOCK EXCHANGE. By A. P. Poley, B.A., Barristor-at-Law; and F. H. Carruthers Gould. Third Edition, Revised. In demy 8vo, cloth gilt, 348 pp. 7s. 6d. net.
- SELF-ORGANIZATION FOR BUSINESS MEN. By Morley Dainow, B.Sc. (Hons.), Lond. In demy 8vo, cloth, 154 pp. 58. net.
- PERSONAL AND BUSINESS EFFICIENCY. By C. A. HENDERSON, M.A. In demy 8vo, cloth, 116 pp. 7s. 6d. net.

INDUSTRIAL ADMINISTRATION

- THE PHILOSOPHY OF MANAGEMENT. By OLIVER SHELDON, B.A. In demy 8vo, cloth gilt, 310 pp. 10s. 6d. net.
- THE PSYCHOLOGY OF MANAGEMENT. By L. M. GILBRETH, In demy 8vo, 354 pp. 7s. 6d. net.
- EMPLOYMENT MANAGEMENT. Compiled and edited by DANIER BLOOMFIELD. In demy 8vo, 507 pp. 8s. 6d. net.
- LABOUR ATTITUDES AND PROBLEMS. By W. E. ATKINS and H. D. LASSWELL. Size 6 in. by 9 in., cloth gilt. 16s, net.
- PROBLEMS OF LABOUR. Compiled and Edited by Daniel Bloomfield. In demy 8vo, cloth gilt, 434 pp. 8s. 6d. net.
- MODERN INDUSTRIAL MOVEMENTS. Compiled and Edited by DANIEL BLOOMFIELD. In demy 8vo, cloth gilt, 380 pp. 10s. 6d. net.
- COMMON SENSE AND LABOUR. By SAMUEL CROWTHER. In demy 8vo, cloth gilt, 290 pp. 8s. 6d. net.
- CUBRENT SOCIAL AND INDUSTRIAL FORCES. Edited by LIONEL D. EDIE. In demy 8vo, cloth gilt, 393 pp. 12s. 6d. net.
- A MERCHANT'S HORIZON. By A. L. FILENE. In demy 8vo, cloth gilt, 272 pp. 10s. 6d. net.
- INDUSTRIAL CONFLICT; THE WAY OUT. By the Right Hon. George N. Barnes. In crown 8vo, 110 pp. 8s. 6d. net.
- LECTURES ON INDUSTRIAL ADMINISTRATION. Edited by B. Muscio, M.A. In crown 8vo, cloth, 276 pp. 6s. net.
- OUTLINES OF INDUSTRIAL ADMINISTRATION. By R. O. HERFORD, H. T. HILDAGE, and H. G. JENEINS. In demy 8vo, cloth gilt, 124 pp. 6s. net.
- INDUSTRIAL CONTROL. By F. M. LAWSON. In demy 8vo, cloth gilt, 130 pp. 8s. 6d. net.
- FACTORY LAY-OUT, PLANNING AND PROGRESS. By W. J. HISCOX. In demy 8vo, cloth gilt, 200 pp. 7s. 6d. net.
- FACTORY ADMINISTRATION IN PRACTICE. By W. J. Hiscox. In demy 8vo, cloth gilt. 8s. 6d. net.
- MANAGEMENT. By J. LEE, M.A., M.Com.Sc. In demy 8vo, cloth gilt, 133 pp. 5s. net.

- INDUSTRIAL ORGANIZATION. By JOHN LEE, M.A. M.Com.Sc. In demy 8vo, cloth gilt, 130 pp. 5a. net.
- THE PRINCIPLES OF INDUSTRIAL WELFARE, By JOHN LRE, M.A., M.Com.Sc. In demy 8vo, cloth, 103 pp. 5s, net.
- TIME STANDARDIZATION OF WORKSHOP OPERATIONS. By T. PILKINGTON, M.I.Mech.E. 16s. net.
- WORKSHOP COMMITTEES. By C. G. RENOLD. Reprinted from the Report of the British Association Sub-Committee on Industrial Unrest. In demy 8vo, 52 pp. 1s. net.
- RESEARCH IN INDUSTRY. By A. P. M. Fleming, C.B.E., M.Sc., M.I.E.E.; and J. G. Pearce, B.Sc., A.M.I.E.E. In demy 8vo, cloth gilt, 264 pp. 10s. 6d. net.
- INTRODUCTION TO THE PRINCIPLES OF INDUSTRIAL ADMINISTRA-TION. By A. P. M. Fleming and H. J. Brocklehurst, M.Eng. A.M.I.E.E. In demy 8vo, 140 pp. 8s. 6d. net.
- THE CONTROL OF WAGES. By W. Hamilton and S. May. In crown 8vo, cloth, 188 pp. 5a. net.
- SHARING PROFITS WITH EMPLOYEES, By J. A. Bowie, M.A. In demy 8vo, cloth gilt, 230 pp. 10s. 6d. net.
- PRACTICAL ADVICE TO INVENTORS AND PATENTEES. By C. M. Linley. In crown 8vo, cloth, 134 pp. 8s. 6d. net.
- PATENTS FOR INVENTIONS. By J. EWART WALKER, B.A., Barrister-at-Law; and R. BRUCE FOSTER, B.Sc., Barrister-at-Law. In demy 8vo, cloth gilt, 400 pp., 21s. net.

TRANSPORT

- INDUSTRIAL TRAFFIC MANAGEMENT. By Geo. B. Lissenden. Author of "Railway (Rebates) Case Law," etc., etc. With a Foreword by the late Lord Leverhulme. Second Edition, Revised and Enlarged. In demy 8vo, cloth gilt, 352 pp. 21s. net.
- HOW TO SEND GOODS BY ROAD, RAIL, AND SEA. By the same Author. In crown 8vo, cloth, 92 pp. 2s. net.
- MOTOR ROAD TRANSPORT FOR COMMERCIAL PURPOSES. By JOHN PHILLIMORE. With an Introduction by SIR H. P. MAYBURY, K.C.M.G., C.B. Second Edition. In demy 8vo, cloth gilt, 233 pp. 10s. 6d. net.
- THE HISTORY AND ECONOMICS OF TRANSPORT. By ADAM W. KIRKALDY, M.A., B.Litt. (Oxford), M.Com. (Birmingham); and ALVRED DUDLEY EVAMS. Third Edition. In demy 8vo, cloth gilt, 364 pp. 15s. net.

SHIPPING

- SHIPPING OFFICE ORGANIZATION, MANAGEMENT, AND ACCOUNTS.
 A comprehensive Guide to the innumerable details connected with the Shipping Trade. By ALFRED CALVERT. In demy 8vo, cloth gilt, 203 pp., with numerous forms. 6s. net.
- THE SHIPPER'S DESK BOOK. By J. A. Dunnage. With a Foreword by Sir Joseph G. Broodbank, President of the Institute of Transport, 1923-24. In crown 8vo, cloth, 190 pp. 8s. 6d. net.
- SHIPPING TERMS AND PHRASES. By the same Author. Cloth. 2s. 6d. net.

- THE EXPORTER'S HANDBOOK AND GLOSSARY. By F. M. DUDENBY. In demy 8vo, cloth gilt. 254 pp. 7s. 6d. net.
- THE IMPORTER'S HANDBOOK. By J. A. DUNNAGE, Graduate of the Institute of Transport. In demy 8vo, cloth gilt, 382 pp. 10s. 6d. net.
- HOW TO EXPORT GOODS. By F. M. DUDENEY. In crown 8vo, cloth, 112 pp. 2s. net.
- HOW TO IMPORT GOODS. By J. A. DUNNAGE. In crown 8vo, cloth, 128 pp. 2s. net.
- IMPORT AND EXPORT TRADE. By A. S. HARVEY, Officer of H.M. Customs and Exciss. In demy 8vo, cloth gilt, 518 pp. 21s. net.
- EXPORTING TO THE WORLD. By A. A. Preciado. A Manual of practical export information. In demy 8vo, cloth gilt, 447 pp. 21s, net.
- FOREIGN TRADE. By Howard C. Kidd. Second Edition. Size 51 in. by 8 in., cloth, 440 pp. 12s. 6d. net.
- OCEAN SHIPPING. By E. W. ZIMMERMANN. Size 51 in. by 8 in., cloth, 691 pp. 168, net.
- EXPORT CREDITS AND COLLECTIONS. By G. C. Poole. Size 6 in, by 9 in., cloth gilt. 16a. net.
- CASE AND FREIGHT COSTS. The Principles of Calculation relating to the Cost of, and Freight on, Sea or Commercial Cases. By A. W. E. CROSFIELD. In crown 8vo, cloth, 62 pp. 2s. net.
- CONSULAR REQUIREMENTS FOR EXPORTERS AND SHIPPERS TO ALL PARTS OF THE WORLD. By J. S. Nowery. Second Edition, Revised and Enlarged. Including exact copies of all forms of Consular Invoices, etc. In demy 8vo, cloth. 7s. 6d. net.
- INTRODUCTION TO SHIPBROKING. By C. D. MacMurray and M. M. Cree. In demy 8vo, cloth, 166 pp. 8s. 6d. net.
- SHIPPING AND SHIPBROKING. By the same Authors. A very complete guide to all shipping matters. In demy 8vo, cloth gilt, 527 pp. 15s. net.
- SHIPPING BUSINESS METHODS. By R. B. PAUL. In demy 8vo, cloth gilt, 104 pp. Sa. 6d. net.
- SHIPPING FINANCE AND ACCOUNTS. By the same author. In demy 8vo, cloth gilt, 74 pp. 2s. 6d. net.

BANKING AND FINANCE

- MONEY, EXCHANGE, AND BANKING, in their Practical, Theoretical, and Legal Aspects. A complete Manual for Bank Officials, Business Men, and Students of Commerce. By H. T. Easton, Associate of the Institute of Bankers. Second Edition. In demy 8vo, cloth gilt, 312 pp. 6s, net.
- AN OUTLINE OF ENGLISH BANKING ADMINISTRATION. By Joseph Syres, B.A. (Hons.), Fellow of the Royal Economic Society. In crown 8vo, cloth, 96 pp. 2s. 6d. net.
- ENGLISH BANKING METHODS. The Practical Operation of an English Bank. By Leonard Le Marchant Minty, Ph.D., B.Sc. (Econ.). In demy 8vo, 480 pp. 15s. net.
- ENGLISH PUBLIC FINANCE. From the Revolution of 1688. With Chapters on the Bank of England. By HARVEY E. Fisk. In demy 8vo, cloth gilt, 207 pp. 7a. 6d. net.

- FOREIGN EXCHANGE AND FOREIGN BILLS IN THEORY AND IN PRACTICE, By W. F. SPALDING, Fellow of the London Institute of Bankers. Fifth Edition. In demy 8vo, cloth gilt, 279 pp. 7s. 6d. net.
- EASTERN EXCHANGE, CURRENCY, AND FINANCE. By the same Author. Fourth Edition. In demy 8vo, cloth, 485 pp., illustrated. 15s. net.
- FOREIGN EXCHANGE, A PRIMER OF. By the same Author. In crown 8vo, cloth, 108 pp. 8s, 6d. net.
- BANKERS' CREDITS AND ALL THAT APPERTAINS TO THEM IN THEIR PRACTICAL, LEGAL AND EVERYDAY ASPECTS. By the same Author, Second Edition. In demy 8vo, cloth gilt, 126 pp. 10s. 6d. net.
- THE FUNCTIONS OF MONEY. By the same Author. With a Foreword by G. Armitage Smith, D.Lit., M.A. In demy 8vo, cloth gilt, 179 pp. 7s. 6d. net.
- THE LONDON MONEY MARKET. By the same Author. A practical guide to what it is, where it is, and the operations conducted in it. Third Edition. In demy 8vo, cloth gilt, 232 pp. 10s. 6d. net.
- PBACTICAL BANKING. By J. F. G. BAGSHAW, Member of the Institute of Bankers. With chapters on "The Principles of Currency," by C. F. HANNAFORD, Associate of the Institute of Bankers; and "Bank Book-keeping," by W. H. Phard, Member of the Institute of Bankers in Ireland. Revised Edition. In demy 8vo, cloth gilt, 448 pp. 7a. 6d. net.
- BANK ORGANIZATION, MANAGEMENT, AND ACCOUNTS. By J. F. Davis, D.Lit., M.A., LL.B. In demy 8vo, cloth gilt, 165 pp. 6s. not.
- CHEQUES: THEIR ORIGIN AND DEVELOPMENT AND HOW THEY ARE HANDLED BY AN ENGLISH BANK. By C. F. HANNAPORD. Edited by Sir John Paget, K.C. In demy 8vo, cloth gilt, 195 pp. 6c. net.
- BILLS, CHEQUES, AND NOTES. A Handbook for Business Men and Lawyers. By J. A. SLATER, B.A., LL.B. (Lond.). Third Edition. In demy 8vo, cloth gilt, 214 pp. 6s. not.
- THE BANKERS' CLEARING HOUSE. What it is and what it does. By P. W. MATTHEWS. In demy 8vo, cloth gilt, 168 pp. 7s. 6d. net.
- BANKERS' SECURITIES AGAINST ADVANCES. By LAWRENCE A. FOGG, Cortificated Associate of the Institute of Bankers. In demy 8vo, cloth gilt, 120 pp. 6s. net.
- BANKERS' ADVANCES. By F. R. STEAD. Edited by Sir John Paget, K.C. In demy 8vo, cloth, 144 pp. 6s. net.
- BANKER'S TESTS. By F. R. STEAD. In demy 8vo, cloth gilt, 144 pp. 10s. 6d. net.
- BANKERS' ADVANCES AGAINST PRODUCE. By A. WILLIAMS. In demy 8vo, cloth gilt, 147 pp. 6s. net.
- SIMPLE INTEREST TABLES. By SIR WM. SCHOOLING, K.B.E. In crown 8vo, cloth gilt, 188 pp. 21s. net.
- DICTIONARY OF BANKING. A Complete Encyclopaedia of Banking Law and Practice. By W. Thomson, Bank Inspector. Fifth Edition, Revised and Enlarged. In crown 4to, half-leather gilt, 691 pp. 80s. net. BRITISH FINANCE. See p. 10.
- TITLE DEEDS AND THE RUDIMENTS OF REAL PROPERTY LAW. By F. R. STEAD. Third Edition. In demy 8vo, cloth, 151 pp. 6a. net.

SECRETARIAL WORK, ETC.

- THE COMPANY SECRETARY'S VADE MECUM. Edited by PHILIP TOVEY, F.C.I.S. Third Edition, Revised and Enlarged. In foolscap 8vo, cloth, \$4, 6d, not.
- SECRETARY'S HANDROOK. A Practical Guide to the Work and Duties in connection with the Position of Secretary to a Member of Parliament, a Country Gentleman with a landed estate, a Charitable Institution; with a section devoted to the work of a Lady Secretary. Edited by Sir 'H. E. Blain, C.B.E. In demy 8vo, cloth gilt, 168 pp. 58, net.
- GUIDE FOR THE COMPANY SECRETARY. A Practical Manual and Work of Reference for the Company Secretary. By ARTHUR COLES, F.C.I.S. Second Edition. In demy 8vo, cloth gilt, 432 pp. 6s. net.
- DICTIONABY OF SECRETARIAL LAW AND PRACTICE. A Comprehensive Encyclopaedia of Information and Direction on all matters connected with the work of a Company Secretary. Fully illustrated with the necessary forms and documents. With Sections on special branches of Secretarial Work. Edited by PHILIP TOVEY, F.C.I.S. With contributions by nearly 40 eminent authorities on Company Law and Secretarial Practice. Third Edition. In crown 4to, half leather gilt, 1011 pp. 42s. net.
- DEBENTURES. A Handbook for Limited Company Officials, Investors, and Business Men. By F. Shewell Cooper, M.A., of the Inner Temple, Barrister-at-Law. In demy 8vo, cloth gilt, 149 pp. 64, net.
- THE TRANSFER OF STOCKS, SHARES, AND OTHER MARKETABLE SECURITIES. A Manual of the Law and Practice. By F. D. Hrad, B.A. (Oxon), Barrister-at-Law. Third Edition, Revised and Enlarged. In demy 8vo, cloth gilt, 220 pp. 10s. 6d. net.
- LIMITED LIABILITY COMPANIES. By R. ASHWORTH, A.C.A., F.S.A.A. In demy 8vo, cloth gilt, 459 pp. 10s. 6d. net.
- THE COMPANY REGISTRAR'S MANUAL. By J. J. QUINLIVAN. In demy 8vo, cloth gilt, 343 pp. 10s. 6d. net.
- THE CHAIRMAN'S MANUAL. Being a Guide to the Management of Meetings in general, and of Meetings of Local Authorities; with separate and complete treatment of the Meetings of Public Companies. By Gurdon Palin, Barrister-at-Law; and Ernest Martin, F.C.I.S. In crown 8vo, cloth gilt, 192 pp. 5s. net.
- HOW TO TAKE MINUTES. Edited by Ernest Martin, F.C.I.S. Second Edition. In demy 8vo, cloth gilt, 130 pp. 2s. 6d. net.
- PROSPECTUSES: HOW TO READ AND UNDERSTAND THEM. By PHILIP TOVEY, F.C.I.S. In demy 8vo, cloth, 109 pp. 51. net.
- PRACTICAL SHARE TRANSFER WORK. By F. W. Lidington, In crown 8vo, 123 pp. 8s. 6d. net.
- QUESTIONS AND ANSWERS ON SECRETARIAL PRACTICE. By E. J. HAMMOND, A.C.I.S., A.L.A.A. In demy 8vo, cloth gilt, 250 pp. 7s. 6d. net.
- PRACTICAL DIRECTORSHIP. By H. E. COLBSWORTHY, A.S.A.A., and S. T. Morris, A.S.A.A., A.C.W.A. A guide to the duties of a company director. In demy 8vo, cloth gilt, 248 pp. 7s. 6d. net.

INCOME TAX, ETC.

- DICTIONARY OF INCOME TAX AND SUPER-TAX PRACTICE. Incorporating the Consolidation Act of 1918 and the Finance Acts, 1919 to 1924. Sixth Edition. By W. E. SNELLING. In demy 8vo, half leather, gilt, 606 pp. 25s, net.
- PRINCIPLES AND PRACTICE OF INCOME TAX AND SUPER TAX. By HALFORD W. L. REDDISH, A.C.A., and H. G. W. TEVERSON, A.C.A. Size 101 in. by 6 in., cloth gilt, 450 pp. 11s. 6d. net.

ECONOMICS

- ECONOMIC GEOGRAPHY. By J. McFarlane, M.A., M.Com. In demy 8vo, cloth gilt, 648 pp., with 18 illustrations. 19s. 6d. net.
- THE PRINCIPLES OF ECONOMIC GEOGRAPHY. By R. N. RUDMOSE BROWN, D.Sc., Lectures in Geography in the University of Sheffield. In demy 8vo, cloth gilt, 223 pp. 7s. 6d. net.
- OUTLINES OF THE ECONOMIC HISTORY OF ENGLAND. A Study in Social Development. By H. O. MLKEDITH, M.A., M.Com., Fellow of King's College. Cambridgs. In demy 8vo, cloth gilt, 376 pp. 7s. 6d. net.
- MAIN CURRENTS OF SOCIAL AND INDUSTRIAL CHANGE. By T. G. WILLIAMS, M.A., F.R.Hist.S., F.R.Econ.S. In crown 8vo, cloth, 320 pp. 58. net.
- THE PRINCIPLES OF BUSINESS ECONOMICS. By Jas. Stephenson, M.A., M.Com., D.Sc. In demy 8vo, cloth gilt, 504 pp. 10s. 6d. net.
- ECONOMICS FOR BUSINESS MEN. By W. J. WESTON, M.A., B.Sc. In crown 8vo, cloth gilt, 265 pp. 38. 6d. net.
- ECONOMICS FOR EVERYMAN. An introduction to Social Economics. By James E. Le Rossignol. In crown 8vo, cloth, 342 pp. 54. net.
- SOCIAL CONSEQUENCES OF BUSINESS CYCLES. By M. B. HEXTER. In demy 8vo, cloth gilt. 15s. net.
- ELEMENTS OF ECONOMICS. By S. EVELYN THOMAS, B.Com.(Lond.), A.C.I.S. Size 101 in. by 6 in., cloth gilt, 658 pp. 108.64. net.
- BRITISH FINANCE DURING AND AFTER THE WAR, 1914-1921. The results of investigations and materials collected by a Committee of the British Association, co-ordinated and brought up to date by A. H. GIRSON, and edited by A. W. KIRKALDY, M.A., B.Litt. In demy 8vo, cloth gilt, 479 pp. 15s. net.
- BRITISH LABOUR. Replacement and Conciliation, 1914-1921. Edited by ADAM W. KIRKALDY, M.A., B.Litt., M.Com. Deals with the results of inquiries arranged by the Section of Economic Science and Statistics of the British Association. In demy 8vo, cloth gilt. 10s. 6d. net.
- MONEY. By W. T. FOSTER and W. CATCHINGS. In demy 8vo, cloth gilt, 419 pp. 15s. net.
- THE CONTROL OF WAGES. By Walter Hamilton and Stacy May, In crown 8vo, cloth, 188 pp. 5s. net.
- A PAIR WAGE. By EDWARD BATTEN, M.I.Mech.E. Reflections on the minimum wage and other economic problems. 100 pp. 2s. 6d. net.
- THE SUBSTANCE OF ECONOMICS. By H. A. SILVERMAN, B.A. (Econ.). For the Student and General Reader. In crown 8vo, cloth gilt, 363 pp. 6s. net.

- PLAIN ECONOMICS. An Examination of the Essential Issues. By J. Lee, M.A., M.Com.Sc. In crown 8vo, cloth gilt, 110 pp. 8s. 6d. net.
- LABOUR, CAPITAL, AND FINANCE. By "Spectator" (WALTER W. WALL, F.J.I.). In crown 8vo, cloth, 127 pp. 8s. 6d. net.
- A THEORY OF CONSUMPTION. By HAZRL KYRK, Ph.D. In demy 8vo, cloth, 312 pp. 10s. 6d. net.

MUNICIPAL WORK

- PRINCIPLES OF ORGANIZATION. By Wm. Bateson, A.C.A., F.S.A.A. Borough Treasurer for Blackpool. In demy 8vo, cloth gilt, 92 pp. 8s. 6d. net.
- ADMINISTRATION OF THE FINANCE DEPARTMENT. By Wm. Bateson, A.C.A., F.S.A.A. In demy 8vo, cloth gilt, 276 pp. 7s. 6d. net.
- ORGANIZATION AND ADMINISTRATION OF THE TRAMWAYS DEPART-MENT. By S. B. Norman Marsh, Accountant to the Birmingham Corporation Tramways. In demy 8vo, cloth gilt, 170 pp. 6s. net.
- ORGANIZATION AND ADMINISTRATION OF THE ELECTRICITY UNDER-TAKING. By C. L. E. Stewart, M.I.E.E. In demy 8vo, cloth gilt, 180 pp. 6s. net.
- ORGANIZATION AND ADMINISTRATION OF THE GAS UNDERTAKING, By Edwin Upton, F.S.A.A. In demy 8vo, cloth gilt, 130 pp. 5s. net.
- ORGANIZATION AND ADMINISTRATION OF THE TOWN CLERK'S DEPARTMENT. By A. S. WRIGHT and E. HUGH SINGLETON. With a Foreword by D. L. HARBOTTLE, LL.B. In demy 8vo, cloth gilt, 268 pp. 78. 6d. net.
- LOANS AND BORROWING POWERS OF LOCAL AUTHORITIES. By J. H. Burron. In demy 8vo, cloth gilt, 228 pp. 7s. 6d, net.
- RATES AND RATING. The Law and Practice of Rating for the Ratepayer and Rating Official. By ALBERT CREW, Barrister-at-Law. Second Edition In crown 8vo, cloth gilt, 325 pp. 78. 6d. net.
- MUNICIPAL BOOK-KEEPING. By J. H. McCall, F.S.A.A. Second Edition. In demy 8vo, cloth gilt, 122 pp. 78.6d. net.
- MUNICIPAL AUDIT PROGRAMMES. By S. S. WHITEHEAD, A.S.A.A., A.C.I.S., Borough Accountant of Hammersmith. In demy 8vo, cloth gilt, 116 pp. 8s. 6d. net.
- MUNICIPAL ACCOUNTING SYSTEMS. By the same Author. In demy 8vo, 140 pp. 5s. net.

ADVERTISING AND SALESMANSHIP

- STORECRAFT. By S. A. WILLIAMS, M.A. In crown 8vo, cloth, 143 pp. 8s. 6d. net.
- THE CRAFT OF SILENT SALESMANSHIP. A Guide to Advertisement Construction. By C. MAKWELL TREGURTHA and J. W. FRINGS. Size, 61 in. by 91 in., cloth, 98 pp., with illustrations. 5s. net.
- BALESMANSHIP. By W. A. Corbion and G. E. Grimsdale. In crown 8vo, cloth, 186 pp. 8s. 6d. net.

- PRACTICAL SALESMANSHIP. By N. C. Fowler, Junr. In crown 8vo, 337 pp. 7s. 6d. net.
- COMMERCIAL TRAVELLING. By ALBERT E. BULL. In crown 8vo, cloth gilt, 174 pp. 2s. 6d. net.
- THE BUSINESS MAN'S GUIDE TO ADVERTISING. By the same Author. In crown 8vo, cloth, 127 pp. 8s. 6d. net.
- ADVERTISING AND THE SHOPKEEPER. By HAROLD W. ELEY. In crown 8vo, 160 pp. 3s. 5d. net.
- ADVERTISING AS A BUSINESS FORCE. By P. T. CHERINGTON. In demy 8vo, cloth, 586 pp. 10s. 6d. net.
- THE MANUAL OF SUCCESSFUL STOREKEEPING. By W. A. Hotchein, In demy 8vo, 298 pp. 8s. 6d. net.
- THE PRINCIPLES OF PRACTICAL PUBLICITY. By TRUMAN A. DE WEESE. In large crown 8vo, cloth, 266 pp., with 43 illustrations. 10s. 6d. net.
- BUSINESS LETTER PRACTICE. By J. B. OPDYCKE. In demy 8vo, cloth gilt, 602 pp. 7s. 6d. net.
- EFFECTIVE POSTAL PUBLICITY. By MAX RITTENBERG. Size 61 in. by 91 in., cloth, 167 pp. 7s. 6d. net.
- CONDUCTING A MAIL ORDER BUSINESS. By A. E. Bull. In crown 8vo, cloth, 106 pp. 24. net.
- MAIL ORDER ORGANIZATION. By P. E. Wilson. In crown 8vo, cloth gilt, 127 pp. 8s. 6d. net.
- THE ORGANIZATION OF THE OUTDOOR SALES FORCE. By P. E. Wilson. In crown 8vo, cloth. 8s. 6d. net.
- PURCHASING. By J. C. DINSMORE. Size 6 in. by 9 in., cloth, 295 pp. 16s. net.
- BUYING GOODS. By A. E. Bull. In crown 8vo, cloth, 103 pp. 2s. net.
- ADS. AND SALES. By HERBERT N. CASSOM. In demy 8vo, cloth, 167 pp. 8s. 6d. not.
- MODERN PUBLICITY. By A. W. DRAW. In crown 8vo, cloth, 70 pp. 2s. 6d. net.
- EFFICIENT SALESMANSHIP. By F. W. SHRUBSALL. In crown 8vo, cloth, 126 pp. 24. net.
- ADVERTISING AND SELLING. By 150 Advertising and Sales Executives. Edited by Noble T. Praige. In demy 8vo, cloth, 495 pp. 10s. 6d. net.
- MODERN METHODS IN SELLING. By L. J. Hoznig. 310 pp. 10s. 64, net.
- MARKETING METHODS AND POLICIES. By P. D. Converse. Size 71 in. by 5 in., cloth, 650 pp. 12s. 6d. net.
- EXPORT ADVERTISING PRACTICE. By C. F. Propson. Size 6 in. by 9 in., cloth gilt, 284 pp. 16s. net.

- PRACTICAL PRESS PUBLICITY. By A. L. CULYER. In demy 8vo, cloth, 95 pp. 3s. 6d. net.
- WINDOW DRESSING. By G. L. Transins. In crown 8vo, cloth, 85 pp. 2s. net.
- TICKET AND SHOW CARD DESIGNING. By F. A. PRARSON. In foolscap 4to, cloth, 84, 64, net.
- PLAIN AND ORNAMENTAL LETTERING. By E. G. Fooks. Size, 9½ in. by 6½ in., 94 pp. 8s. 6d. net.
- PRINTING. By H. A. MADDOX. In demy 8vo, cloth. 5s. net.

LAW

- MERCANTILE LAW. By J. A. SLATER, B.A., LL.B. A Practical Exposition for Law Students, Business Men, and Advanced Classes in Commercial Colleges and Schools. Fifth Edition. In demy 8vo, cloth gilt, 464 pp. 7a. 8d. net.
- PRINCIPLES OF MERCANTILE LAW. By E. W. CHANCE, O.B.E., LL.B. (Lond.) Size 101 in. by 6 in., cloth gilt, 574 pp. 12s. 6d. net.
- COMPANIES AND COMPANY LAW. Together with the Companies (Consolidation) Act, 1908; and the Acts of 1913 to 1917. By A. C. Connell, LL.B. (Lond.), of the Middle Temple, Barrister-at-Law. Second Edition, Revised. In demy 8vo, cloth gilt, 348 pp. 6s. net.
- COMPANY CASE LAW. By F. D. HEAD, B.A. (Oxon), Barrister-at-Law. In demy 8vo, cloth gilt, 314 pp. 7s. 6d. net.
- QUESTIONS AND ANSWERS ON COMPANY LAW. By G. WILLIAM FORTUNE, F.S.A.A., F.C.I.S.(Hons.) and D. R. Matheson, M.A.(Hons.), A.S.A.A.(Hons.). In crown 8vo, cloth gilt, 184 pp. 58, net.
- THE LAW BELATING TO THE CARRIAGE BY LAND OF PASSENGERS, ANIMALS, AND GOODS. By S. W. CLARKE, Barrister-at-Law. In demy 8vo, cloth gilt, 350 pp. 7s. 6d. net.
- THE LAW RELATING TO SECRET COMMISSIONS AND BRIBES (Christmas Boxes, Gratuities, Tips, etc.). The Prevention of Corruption Acts, 1906 and 1916. By Albert Crew, Barrister-at-Law; Lee Prizeman of Gray's Inn. Second Edition, Revised and Enlarged. In demy 8vo, cloth gilt, 252 pp. 10s. 6d. net.
- BANKRUPTUY, DEEDS OF ARRANGEMENT, AND BILLS OF SALE. By W. VALENTINE BALL, M.A., Barrister-at-Law. Fourth Edition. Revised in accordance with the Bankruptcy and the Deeds of Arrangement Acts, 1914. In demy 8vo, 364 pp. 12s. 6d. net.
- PRINCIPLES OF MARINE LAW. By LAWRENCE DUCKWORTH, Barristerat-Law. Third Edition, Revised. In demy 8vo, about 400 pp. 7s. 6d. net.
- LAW FOR JOURNALISTS. By CHARLES PILLEY, Barrister-at-Law, of Gray's Inn and the Western Circuit. In demy 8vo, cloth, 170 pp. 5s. net.
- GUIDE TO THE LAW OF LICENSING. The Handbook for all Licence-holders. By J. Wells Thatcher, Barrister-at-Law. In demy 8vo, cloth gilt, 200 pp. 5s. net.

- RAILWAY (REBATES) CASE LAW. By GEO. B. LISSENDEN. In demy 8vo, cloth gilt, 450 pp. 10s. 6d. net.
- GUIDE TO BAILWAY LAW. By A. E. CHAPMAN, M.A., LL.D. A Handbook for Traders, Passengers, and Railway Students. Second Edition. In demy 8vo, cloth gilt, 239 pp. 7s. 6d. net.
- PARTNERSHIP LAW AND ACCOUNTS. By R. W. Holland, O.B.E., M.A., M.Sc., LL.D., Barrister-at-Law. In demy 8vo, cloth gilt, 159 pp. 6a, net.
- THE LAW OF CONTRACT. By the same Author. Revised and Enlarged Edition. In demy 8vo, cloth, 123 pp. 5s. net.
- WILLS, EXECUTORS, AND TRUSTEES. By J. A. SLATER, B.A., LL.B. With a chapter on Intestacy. In foolscap 8vo, cloth, 122 pp. 2s. 6d. net.
- MUNICIPAL AND LOCAL GOVERNMENT LAW. By H. EMERSON SMITH, L.L.B. (Lond.). In demy 8vo, cloth gilt, 258 pp. 7s. 6d. net.
- THE LAW RELATING TO BUILDING AND BUILDING CONTRACTS. By W. T. Creswell, of Gray's Inn and the South-Eastern Circuit, Barrister-at-Law. In demy 8vo, cloth, 270 pp. 78. 64. net.
- THE LAW OF REPAIRS AND DILAPIDATIONS. By T. CATO WORSFOLD, M.A., LL.D. In crown 8vo, cloth gilt, 104 pp. 8s. 8d. net.
- THE LAW OF EVIDENCE. By W. NEMBEARD HIBBERT, LL.D., Barristerat-Law. Fourth Edition, Revised. In crown 8vo, 120 pp. 7s. 6d. net.
- THE LAW OF PROCEDURE. By the same Author. Second Edition. In demy 8vo, cloth gilt, 133 pp. 7s. 6d. net.

BUSINESS REFERENCE BOOKS

- BUSINESS MAN'S ENCYCLOPAEDIA AND DICTIONARY OF COMMERCE. A reliable and comprehensive work of reference on all commercial subjects. Edited by J. A. SLATER, B.A., LL.B. (Lond.). Assisted by upwards of 50 specialists as contributors. With numerous maps, illustrations, facsimile business forms and legal documents, diagrams, etc. Second Edition. In 4 vols., large crown 4to (each 450 pp.), cloth gilt. 24 42. net.
- BUSINESS BUILDING. A complete guide for the wholesaler, retailer, manufacturer, agent, etc. Edited by F. F. Sharles, F.S.A.A. (Gold Medallist), A.C.I.S. Assisted by Specialist Contributors. In 2 vols., crown 4to, cloth gilt. Each 21s. net.
- BUSINESS MAN'S GUIDE. Eighth Revised Edition. With French, German, Spanish, and Italian equivalents for the Commercial Words and Terms. Edited by J. A. SLATER, B.A., LL.B. (Lond.). The work includes over 2,500 articles. In crown 8vo, cloth, 622 pp. 6s. net.
- THE PROBLEM OF BUSINESS FORECASTING. By WARREN M. PERSONS, WILLIAM TRUFANT FOSTER and ALBERT J. HELLINGER, JR. In demy 8vo, cloth gilt, 330 pp. 16s. net.
- BUSINESS FORECASTING. By D. F. JORDON. Size 6 in. by 9 in., cloth, 270 pp. 16s. net.

- COMMERCIAL ARBITRATIONS. By E. J. PARRY, B.Sc., F.I.C., F.C.S. An invaluable guide to business men who are called upon to conduct arbitrations. In crown 8vo, cloth gilt. 8s. 6d. net.
- COMMERCIAL CONTRACTS. By the same Author. A Guide for Business Men. In crown 8vo, cloth, 200 pp. 58, net.
- FINANCIAL ORGANIZATION AND MANAGEMENT. By C.W. GERSTENBERG, Professor of Finance at New York University. Size 6 in. by 9 in., cloth gilt, 739 pp. 258. net.
- THE SHAREHOLDER'S MANUAL. By H. H. Bassett. In crown 8vo, cloth gilt, 140 pp. 3s. 6d. net.
- THE INVESTOR'S MANUAL. By W. W. Wall. In crown 8vo, cloth, 122 pp. 8s. 6d. net.
- THE STOCK EXCHANGE. ITS CONSTITUTION AND THE EFFECTS OF THE GREAT WAR. By W. Hamilton Whyte, M.A. In crown 8vo, cloth, 114 pp. 3a. 6d. net.
- DICTIONARY OF COMMERCIAL CORRESPONDENCE IN SEVEN LAN-GUAGES: ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN, PORTUGUESE, AND RUSSIAN. In demy 8vo, cloth, 718 pp. 12s. 6d. net. Third Edition.
- A MANUAL OF DUPLICATING METHODS. By W. DESBOROUGH. In demy 8vo, cloth, 90 pp., illustrated. 8s. net.
- SOCIAL CONSEQUENCES OF BUSINESS CYCLES. By MAURICE B. HEXTER. In demy 8vo, cloth gilt. 15s. net.
- STATISTICAL METHODS. By F. C. MILLS, Associate Professor of Business Statistics, Columbia University. 158, net.
- BUSINESS STATISTICS. THEIR PREPARATION, COMPILATION, AND PRESENTATION. By R. W. Holland, M.A., M.Sc., LL.D. In crown 8vo, cloth, 93 pp. 8s. 6d. net.
- CHARTS AND GRAPHS. By KARL G. KARSTEN, B.A. (Oxon). Size 6 ins. by 9 in., cloth gilt, 764 pp. 25s. net.
- A MANUAL OF CHARTING. Size 6 in. by 9 in., cloth gilt, 116 pp. 6s. net.
- PITMAN'S OFFICE DESK BOOK. Contains information on most matter constantly required in business. In crown 8vo, cloth. 2s. 6d. net.
- PUBLIC SPEAKING. By Frank Home Kirkpatrick. In Crown 8vo, cloth, 176 pp. 5s. net.
- OFFICE MACHINES, APPLIANCES, AND METHODS. By W. DESBOROUGH. In demy 8vo, cloth gilt, 157 pp. 6s. net.
- COMMERCIAL COMMODITIES. By F. MATTHEWS, B.Sc., A.I.C., F.C.S. In demy 8vo, cloth gilt, 326 pp. 12s. 6d, net.
- HOW TO GRANT CREDIT. By Cuthbert Greig, Secretary, London Association for Protection of Trade, Ltd. In crown 8vo, cloth, 102 pp. 8s. 6d. net.
- COMMERCIAL ATLAS OF THE WORLD. In crown 4to, cloth, 140 pp. 5s. net.

COMMON COMMODITIES AND INDUSTRIES SERIES

In each of the handbooks in this series a particular product or industry is treated by an expert writer and practical man of business. Beginning with the life history of the plant, or other natural product, he follows its development until it becomes a commercial commodity, and so on through the various phases of its sale in the market and its purchase by the consumer. Industries are treated in a similar manner.

Each book in crown 8vo, illustrated. 8s. net

Acids and Alkalis Alcohol in Commerce Aluminium Anthracite Asbeatos Boot and Shoe Industry Bread Making Brush Making Butter and Cheese Button Industry, The Carpets Clays Clocks and Watches Clothing Trades Industry Coal Tar Cocos Coffee Cold Storage and Ice Making Concrete and Reinforced Concrete Copper Cordage and Cordage Hemp and Fibres Corn Trade, The British Cotton Cotton Spinning Cycle Industry, The Drugs in Commerce Electric Lamp Industry

Electricity

Engraving Explosives, Modern Film Industry, The Fishing Industry, The Furniture Fore Gas and Gas Making Glass Gloves and the Glove Trade Gold Gums and Resins Incandescent Lighting Internal Combustion Engines Iron and Steel Ironfounding Jute Knitted Fabrics Lead Leather Linen Match Industry Meat Motor Boats Motor Industry, The Nickel Oii Power Oila Paints and Varnishes Paper Patent Fuels

Perfumery Petroleum Photography Platinum Metals Player Piane, The Potterv Rice Rubber Salt Silk Silver Soan Sponges Starch Stones and Quarries Straw Hate Sugar Sulphur Talking Machines Tes Telegraphy, Telephony, and Wireless Textile Bleaching Timber Tobacco Velvet and Corduroy Wallpaper Weaving W heat Wine and the Wine Trade Wool Worsted Zine

SIR ISAAC PITMAN AND SONS, LTD. Parker Street, Kingsway, London, W.C.2

And at Bath, Melbourne, Terento and New York.

CHECKED 2005-C4

Lee

An Cetro duetion to

Cuchestrial

Ad Censhe Toa

Name of borrower

Lent on Received on

V.B.SaRe

SERVANTS OF INDIA SOCIETY'S LIBRARY POONA 4.

- 1. Books taken from the Library may not be retained for more than a fortnight.
- 2. Borrowers will be held strictly responsible for any damage done to books while the books are in their possession.