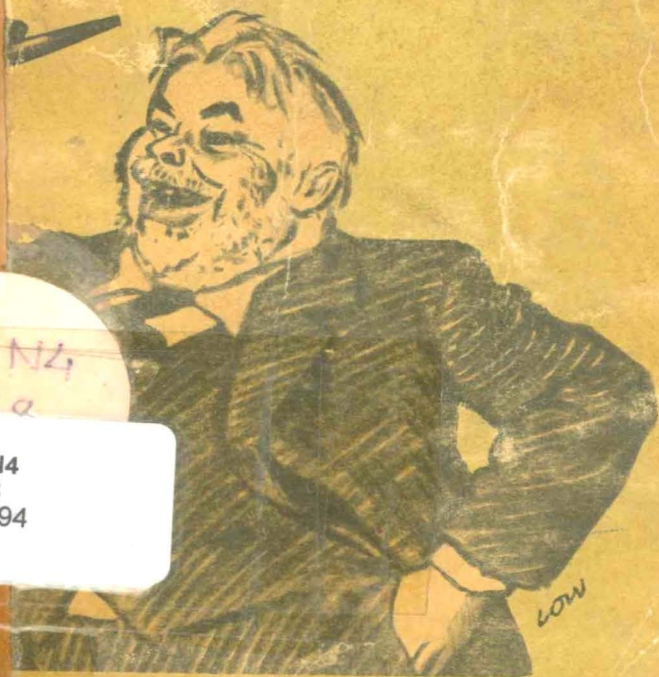


A Great Pan Double-Volume



GUIDE TO
MODERN
THOUGHT

C. E. M. Joad



lv1.N4
H8

lv1.N4
H8
013994

LONDON · PAN BOOKS LIMITED

GUIDE TO MODERN THOUGHT

Supplied by-
DECCAN BOOK STALL;
POONA 4.

GUIDE TO MODERN THOUGHT

REVISED AND ENLARGED EDITION

Supplied by-
DECCAN BOOK STALL
POONA 4.

TAN BOOKS LTD : LONDON

First published 1943 by Faber and Faber, Ltd.
This revised edition published 1948
by Pan Books Ltd., 8 Headfort Place, London, S.W.1

AUTHOR'S NOTE TO THIS EDITION

This book was revised in the winter of 1946-47, when new material was inserted, more particularly in Chapters III, IV, VII and IX, designed to cover the more important developments that have taken place since the book was originally written in 1932.

I have to thank Professor E. N. da C. Andrade for the help which he has kindly given me in connection with the new material added to Chapter IV; and Professor H. G. Jackson for valuable suggestions in connection with some of the biological passages which occur in Chapter II.

C. E. M. J.

CONTENTS

	PAGE
I. INTRODUCTORY—THE GROUND SURVEYED	
Questions about the Universe	15
Reports from the Sciences	16
Decline of Materialism	18
Science, Religion and Philosophy	20
Evolution as a Creative Process	21
Mechanist Views in Psychology	22
Behaviourism	23
Psycho-analysis	24
Summary	26
Sense of New Beginnings	27
Scepticism and Humility	29
Irrationalism	30
Purpose of Book	30
II. THE WORLD OF NINETEENTH-CENTURY MATERIALISM	
Nature and Tenets of Materialism	32
What Darwin Discovered	33
Natural Selection	34
The Cause of Variations: Importance of the Question	37
Body-Mind Problem	39
The Two Clocks	41
Epiphenomenal View of Mind	42
Nineteenth-century Physics	44
Materialist Conception of the Universe	45
Unimportance of Life	46
III. MODERN MATERIALISM—PAVLOV AND BEHAVIOURISM	
Introductory	49
The Relevance of Pavlov's Work	50

GUIDE TO MODERN THOUGHT

	PAGE
I. PAVLOV'S EXPERIMENTS	52
(i) Inhibition, (ii) Inhibition Improved by Practice, (iii) Discrimination, (iv) Combinations, (v) Delayed Conditioned Reflexes, (vi) Inhibition of Inborn Reflexes, (vii) Disinhibition	
Pavlov's Account of the Brain	56
Induction	57
Boredom and Sleep	57
Nervous Disorders	58
Bearing of Pavlov's Work	60
II. SOME ACCOUNT OF BEHAVIOURISM	61
(i) Difficulties of Introspection	61
(ii) Meaning of 'Behaviour'	63
(iii) Conditioning the Responses of Children	64
(iv) Behaviourist Account of Thinking	66
(v) Word Conditioning	67
Comment and Criticism	69
(a) The Gestalt Psychology	71
(b) Experiments in Willing	76
IV. THE WORLD OF MODERN PHYSICS	
I. INTRODUCTORY	80
Physics and Psychology	80
II. THE INSIGNIFICANCE OF LIFE	82
(i) Facts of Astronomy	83
(ii) Rarity of Planetary Systems	84
(iii) Brevity of Life	85
III. (A) PHYSICS AS THE SCIENCE OF ABSTRACTION	87
The Physicist's Treatment of Sense Qualities	87
How Physics Abstracts And Classifies	91
Closed Circle of Physics	92
	94

CONTENTS

	PAGE
World of Physics as Symbolic, not Real	95
Idealist Implications	97
IV. (B) THE INDIRECTNESS OF OUR KNOWLEDGE OF MATTER	99
The Modern Picture of the Atom	99
Free Will in the Atom	101
Warning to the Reader	104
How the Atom is Known	105
The Latest Developments	108
Summary	110
V. (C) THE MACHINERY OF PERCEPTION	112
The Physicist's Account of Perception	112
Difficulties in the Account	113
The External World as Inferred, not Perceived	116
Mind's Immediate Knowledge of Itself	118
VI. REALITY CONCEIVED AS MENTAL OR SPIRI- TUAL	119
Idealist Tendencies of Physics	119
Sir James Jeans's Concept of a Mathe- matical Creator	121
The Beginning of the Universe	123
The Universe as a Thought in God's Mind	124
VII. INTUITIONAL KNOWLEDGE CONTRASTED WITH SCIENTIFIC	126
The Scientific Account of Hearing a Bach Fugue	127
That a Man's Personality Eludes Scientific Description	130
The Scientist's Account of a Joke	132
Summary of Preceding Arguments	132
VIII. CONCLUSIONS	135
 V. CURRENT THEORIES OF LIFE AND MATTER	
Author's Bias	139

GUIDE TO MODERN THOUGHT

	PAGE
I. CRITICISMS OF MECHANISM IN BIOLOGY	140
Characteristic Behaviour of Living Organisms	140
Quest of Appropriate Environment	142
The Active Response of the Living Organism	143
The Organism as a Whole	145
The 'Hormic' Psychology	147
The Persistence of Evolution	148
II. PHILOSOPHICAL THEORIES BASED ON BIOLOGY	150
Prevalence of Idealist Views	150
The Universe as a Dynamic Flux of Change	152
Criticism of Bergson	154
The Necessity for a Further Principle	156
III. THE INTERACTION OF LIFE AND MATTER	157
Alternate Views	157
Difficulty of Distinguishing the Living from the Non-living	158
Pervasion of Matter by Life	160
Bearing of Physics on the Interaction Hypothesis	162
Views of Sir Oliver Lodge	163
How is Interaction to be Conceived?	166
VI. VITALISM AND CREATIVE EVOLUTION	-
Introductory	168
Individuality as a Means	168
The Doctrine of Emergence	169
The Development of Novelty	171
Life as Purposive	173
Life's Method Experimental	175
Struggle and Endeavour as the Mode of Evolution	176
Inheritance of Acquired Characteristics	178
Weismann's Germ-cell Theory	180

CONTENTS

	PAGE
The Machinery of Inheritance	180
Mechanist Account not necessarily Exhaustive	182
Genetics not Relevant to the Controversy	183
Butler's Theory of Evolution	184
Instinct as Unconscious Memory	186
A Theory of Evolutionary Progress	188
Philosophical Significance of Modern Biology	189
VII. ABNORMAL PSYCHICAL PHENOMENA: SUGGESTED EXPLANATIONS	
I. RELEVANCE OF THESE PHENOMENA TO OUR VIEWS OF COSMOS AS A WHOLE	
Introductory	191
Relevance of Idealism to Abnormal Phenomena	193
Dualism Favourable to Abnormal Phenomena	195
II. CLASSES OF PHENOMENA	
The Author's Own Attitude	195
Variety of Phenomena	198
A. Abnormal Psychical Phenomena:	
(1) Spirit Messages	199
Inadequacy of the Evidence	201
(2) Telepathy, Clairvoyance, etc.	203
Experience of the Future	204
The Reincarnation Hypothesis	206
The Queerness of Time	207
The Narrative of Miss Moberly and Miss Jourdain	208
B. Abnormal Physical Phenomena:	
Procedure at Séances	211
Ectoplasm	213
The 'Margery' Phenomena	214
Poltergeist Phenomena	216

GUIDE TO MODERN THOUGHT

	PAGE
III. SUGGESTED EXPLANATIONS	219
Absence of any Satisfactory Theory	219
(1) The Postulation of Higher Intelligences	220
(2) The ' Psychic Factor ' Theory	222
Puzzling Character of ' Spirit Messages '	224
(3) Life's Control of Matter	226
The Development of Embryonic Organs	227
Abnormal Phenomena as a Special Case of Life's Control	228
Explanation of Abnormal Faculties	229
Telepathy and Clairvoyance	232
Rhine's Experiments	232
Possible Explanations	234
Precognitive Telepathy	236
The Nature of Communication between Minds	239
Knowledge of the Future	241
VIII. PSYCHO-ANALYSIS AND ITS EFFECTS	242
Influence of Psycho-analysis	242
I. SOME ACCOUNT OF PSYCHO-ANALYTIC DOCTRINES	242
Theories of Freud	243
Freud's Later Work	245
Adler's Psychology	247
The Life Goal: Application	249
II. IMPLICATIONS OF PSYCHO-ANALYSIS:	
(A) DETERMINISM	251
Freedom of the Will	252
A Modern Theory of Instinct	254
Bearing of the Foregoing on Self-control	255
Function of Conscience	256
Effect upon Ethics	257
Self-determinism	258
(B) IRRATIONALISM	259
Nineteenth-century View of Reason	259

CONTENTS

	PAGE
Changed Attitude of Twentieth Century	261
II. (C) REASONING AND RATIONALISING	263
Freud's Later Theories	264
Freud's Attitude to Morality	266
Belittlement of Reason	268
III. EFFECTS UPON CONTEMPORARY THOUGHT	269
Scepticism	270
Anti-authoritarianism	272
Fatalism	273
Practical Epicureanism	274
Praise of the New Morality	277
Criticism of the New Psychology	278
Do the Implications Follow?	279
Illegitimate Distinctions between Faculties	281
Application of Conclusions reached in Two Previous Chapters	282
IX. THE INVASION OF LITERATURE BY PSYCHOLOGY	284
Introductory	284
Importance of Characters in Victorian Novels	284
Absence of Characters in the Modern Novel	286
Victorian Characters as Selections	288
The Aims of the Moderns	289
The Demand for Complexity	291
Literary Experiments:	
(1) The Biographical Novel	292
(2) Putting Everything in	293
(3) The Inner Life	296
(4) The Psychological Moment	300
Denial of Continuing Self	301
Support from Physics	303
Repercussions in Literature	305
(i) Novels as Successions of Scenes	306

GUIDE TO MODERN THOUGHT

	PAGE
(ii) And Scenes as Successions of Incidents	307
(iii) Writing in Headlines	308
(5) Determination in Literature	309
(i) Lawrence and Determination by the Unconscious	309
Violence of Lovers	312
Dullness of the Primitive	313
Blurring of Sense of Value	315
(ii) Aldous Huxley and Determination by the Body	316
Humiliation by the Body	318
Death, Birth, Chance	319
Later Developments:	
(1) The Absence of a Common Background	323
(2) Later Developments of Aldous Huxley	325
(3) The Continuing Influence of Psychology	330
A Thesis	331
The Art of the Short Story	332
Chekov and Katherine Mansfield	333
The Contemporary Short Story	335
The Interest in the Primitive	337
BIBLIOGRAPHY	342
INDEX	345

BIBLIOGRAPHY

I append a short list of books which may be consulted with advantage by those who wish to pursue the various subjects touched upon in the foregoing pages. The list is divided according to chapters, the books which appear under each chapter number relating specifically to the subject matter of the chapter in question.

CHAPTER I

Joad, C. E. M. *Return to Philosophy. Philosophy for Our Times.*

CHAPTER II

Lange, F. A. *The History of Materialism.*
Cohen, Chapman. *Materialism Restated.*
Haldane, J. B. S. *The Causes of Evolution.*
Hogben, L. *The Nature of Living Matter.*

CHAPTER III

Watson, J. B. *Behaviourism.*
Pavlov, I. P. *Lectures on Conditioned Reflexes.*
Stout, G. F. *Mind and Matter.*
Huxley, Aldous. *Brave New World.*
Koffka, K. *Principles of Gestalt Psychology.*
Flugel, J. C. *A Hundred Years of Psychology.*

CHAPTER IV

Eddington, Sir A. S. *The Nature of the Physical World. New Pathways in Science. Science and the Unseen World.*
Jeans, Sir J. *The New Background of Science. The Mysterious Universe.*
Levy, H. *The Universe of Science.*
Joad, C. E. M. *Philosophical Aspects of Modern Science.*
Stebbing, L. S. *Philosophy and the Physicists.*

BIBLIOGRAPHY

CHAPTER V

- Bergson, H. *Creative Evolution*.
Haldane, J. S. *The Philosophical Basis of Biology*.
Morgan, C. Lloyd. *Emergent Evolution*.
Smuts, J. C. *Holism and Evolution*.
Broad, C. D. *The Mind and its Place in Nature* (Section A).

CHAPTER VI

- Butler, Samuel. *Evolution Old and New*.
Shaw, G. B. *Back to Methuselah*.
Joad, C. E. M. *Matter, Life and Value*.
Needham, J. *The Sceptical Biologist*.
Morgan, C. Lloyd. *Emergent Evolution*.

CHAPTER VII

- Myers, F. W. H. *Human Personality and its Survival of Bodily Death*.
Lodge, Sir Oliver. *Raymond*.
Price, H. *Leaves from a Psychist's Notebook. Confessions of a Ghost Hunter*.
Dunne, J. W. *An Experiment with Time*.
Moberly, C. A. E., and Jourdain, E. F. *An Adventure*.
Geley, G. *From the Unconscious to the Conscious*.
Tyrrell, G. N. M. *Science and Psychical Research. The Personality of Man*.
Rhine, J. B. *Extra-Sensory Perception*.
Carington, Whateley. *Telepathy*.

CHAPTER VIII

- Freud, S. *The Interpretation of Dreams. Introductory Lectures on Psycho-analysis. Civilization and its Discontents*.
Adler, A. *Understanding Human Nature*.
Jung, C. G. *Psychological Types*.
McDougall, W. *An Outline of Psychology*.
Lippmann, W. *A Preface to Morals*.
Flugel, J. C. *Man, Morals and Society*.

GUIDE TO MODERN THOUGHT

CHAPTER IX

- Woolf, V. *The Common Reader. To the Lighthouse. The Waves.*
- Joyce, J. *Finnegan's Wake. Ulysses. Portrait of the Artist as a Young Man.*
- Lawrence, D. H. *Aaron's Rod. The Plumed Serpent.*
- Huxley, Aldous. *Time Must Have a Stop. Brave New World. Those Barren Leaves. Point Counter Point.*

INDEX

- Aach, 76
 Acquired characteristics, inheritance of, 178
 Adler, Alfred, 243, 247-251
 Alexander, S., 190
 Anti-authoritarianism, 272, 273
 Aristotle, 258
 Atom, 99-112
 Aveling, F., 76
- Babinski reflex, 65
 Bach, J. S., 127-130
 Behaviourism, 23-25, 49, 50, 61-71, 140, 226, 279, 301, 309, 316
 Bennett, Arnold, 286, 296, 324
 Beresford, J. D., 292
 Bergson, Henri, 133, 149, 153-156, 158, 160, 168, 190, 249, 302
 Body-Mind Problem, 39-41
 Boredom, 57-58
 Bragg, Sir William, 29
 Britton, Lionel, 299, 309
 Broad, C. D., 222-224
 Broglie, de, 109
 Brontes, the, 284
 Butler, Samuel, 168, 176, 179, 184, 185, 187, 188, 277
- C., Stella, 212
 Carington, W., 235-236
 Carr, Wildon, 151, 158
 Chekov, A., 333-334
 Clairvoyance, 203-206
 Conditioned responses, 17, 52-61
 Copernicus, 47
 Crandon, Margery, 214, 215
 Croce, B., 151
- Dantzig, T., 187
 Darwin, Charles, 33-39, 47, 50
- Delayed conditioned reflexes, 54
 Descartes, R., 41
 Determinism, 242, 251-259, 269, 316
 Dickens, Charles, 284-289
 Discrimination, 53
 Disinhibition, 55
 Duncan, Mrs. V. H., 214
 Dunne, J. W., 203-206
- Ectoplasm, 213
 Eddington, Sir A., 19, 81, 94-98, 116-120, 132-134, 271
 Einstein, A., 120, 136, 137, 163
 Eliot, George, 284
 Emergence, 169-171, 197, 223
 Epicureanism, 274
 Epiphenomenal theory of mind, 42-44
 Evolution, 148, 168 ff., 184
 Extra-sensory perception, 232-236
- Fatalism, 273
 Forster, E. M., 324
 Free will, 252-253
 Freud, Sigmund, 30, 242-247, 250, 251, 254, 264-270, 277, 310
- Galileo, 32
 Gaskell, Mrs., 285
 Geley, Gustav, 230, 231
 Gentile, Giovanni, 151
 Gestalt psychology, 71-75
 God, 37-42, 45, 121-124, 168, 272, 274, 318
 Gould, Gerald, 295
 Greene, Graham, 324, 325
- Haldane, J. S., 140, 142, 144, 145, 148
 Heard, Gerald, 330

GUIDE TO MODERN THOUGHT

- Heat, 87
 Heisenberg, W., 103-104, 108
 Hemingway, Ernest, 324, 325
 Holism, 22, 190
 'Holmic' psychology, 147
 Hume, David, 301
 Huxley, Aldous, 66, 287, 316-321, 325-330
 Huxley, T. H., 46
- Idealism, 18, 119, 150, 151, 158, 160, 193, 194
 Indeterminacy, principle of, 104
 Induction, law of, 57
 Inheritance, 178 ff.
 Inhibition, 53-58
 Introspection, 61
 Irrationalism, 30, 242-251, 259-263, 269
 Isherwood, Christopher, 330
- James, William, 158
 Jeans, Sir J., 83-86, 98, 99, 119-126, 133, 134, 222, 271
 Jourdain, E. F., 208-210
 Joyce, James, 287, 294-296, 309
- Kant, I., 252
 Keith, Sir Arthur, 166
 Koestler, Arthur, 324, 325
 Kohler, W., 73
 Külpe, O., 76
- Lamarck, J. B., 37, 38, 149
 Lawrence, D. H., 287, 309-316
 Lodge, Sir Oliver, 163
- McDougall, W., 254, 263
 Mackenzie, Compton, 292-293
 Mansfield, Katherine, 333-334
 Materialism, 18, 26, 32-48, 158, 159-160, 223
 Materialist universe, 45
- Maugham, Somerset, 324, 330, 332, 333
 Michotte, 76
 Mill, J. S., 261
 Moberly, C. A. E., 208-210
 Monism, 156
 Montaigne, M. de, 293, 297
 Morgan, C. Lloyd, 168, 170
 Myers, F. W. H., 198, 201, 203, 220-222
- Napoleon, 250
 Needham, Joseph, 92, 136, 142
 Neo-idealism, 151
 Nervous disorders, 58-60
 Newton, Sir Isaac, 32
- Pavlov, I. P., 23, 50-61, 80
 Perception, 112-118
 Planck, M., 120, 136
 Plato, 98, 252
 Price, Harry, 196, 198, 213, 214
 Psycho-analysis, 24-25, 242-251, 259, 272, 275, 278-280, 315
 Psycho-physical parallelism, 42
- Rationalism, 263-264
 Re-incarnation, 206-207
 Relativity, 50, 95, 183, 184
 Rhine, J. B., 232-236
 Richet, Charles, 221
 Rossetti, Christina, 322
 Kussell, Earl, 82, 106, 107, 108, 115, 158, 302
 Rutherford, Lord, 101, 105, 108, 109
- Scepticism, 29, 270-272, 278
 Schneider, Rudi, 212
 Schopenhauer, A., 174, 176
 Schrodinger, E., 101, 102, 103, 108, 109, 120, 136, 137
 Serialism, 205
 Shaw, Bernard, 168, 175, 176, 179, 323

INDEX

- Short story, the, 332-341
 Sleep, 57
 Smell, 89
 Smuts, General J. C., 190
 Soal, S. G., and Goldney,
 K. M., 236
 Solidity, 88
 Sound, 88
 Sullivan, J. W. N., 120, 136,
 138

 Telepathy, 203, 232
 Tennyson, Lord, 322
 Thackeray, W. M., 284
 Thouless, Dr., 236
 Trollope, Anthony, 285
 Tyndall, John, 46
 Tyrrell, G. N. M., 236

 Verrall, A. W., 201

 Wallas, Graham, 148
 Walpole, Sir Hugh, 293
 'Walter,' 214, 215, 216
 Watson, J. B., 49, 65, 66, 67,
 81, 82
 Waugh, Evelyn, 324, 325
 Weismann, 180, 183, 185
 Welch, Denton, 336-337
 Wells, H. G., 28, 286, 287,
 323
 Whitehead, A. N., 133, 134,
 190
 Willing, experiments in, 76-79
 Woolf, Virginia, 287, 293,
 296, 297, 298, 306, 308,
 322
 Worsley, T. C., 338-340

 Zugun, Eleanore, 217

List of Pan Books



Ten Stories

RUDYARD KIPLING

First selection from Kipling's best stories published at so cheap a price : representative of every period of his work.

Lost Horizon

JAMES HILTON

Famous best-seller (equally famous as a film) about strange adventures in a hidden corner of Tibet; unsurpassed for suspense, escapism and dreamlike excitement.

Ten Little Niggers

AGATHA CHRISTIE

'The ace of crime-novelists' tells of a series of murders when ten men and women (each with 'a past') are invited to an island-mansion by an unknown host.

Three Time-Plays

J. B. PRIESTLEY

Dangerous Corner, *Time and the Conways*, and *I Have Been Here Before*: three tense dramas in dialogue by a world-famous playwright, with different slants on Time.

Fire over England

A. E. W. MASON

Grand historical romance of secret service in the England of Queen Elizabeth and the Spain of the Armada, by one of to-day's finest novelists of adventure.

The Thirty-nine Steps

JOHN BUCHAN

World-renowned novel of adventure in London and Scotland leading to the foiling of an international plot.

The Four Million

O. HENRY

Twenty-five stories by one of the world's greatest masters in this field, whose work began to be published while he was in prison; with a special Introduction describing O. Henry's extraordinary career.

The Enchanted April " ELIZABETH "

Novel of refreshing charm and gentle humour telling how, under the spell of an Italian castle's spring beauty, four unhappy London ladies on holiday find the solution of their personal problems.

The Lodger Mrs. BELLOC LOWNDES

Three times filmed, this perennially popular thriller describes the reactions of a middle-aged couple who believe their lodger is the man responsible for a series of gruesome London murders.

Greenmantle JOHN BUCHAN

Richard Hannay, hero of *The Thirty-nine Steps*, goes on a dangerous mission to find the mysterious 'prophet' who plans to rouse the East against Britain. One of the classic adventure-stories of our time.

Alive—Alive Oh! OSBERT SITWELL

Five long stories selected from *Triple Fugue* and *Dumb Animal*, displaying the craftsmanship and pointed style for which the author is noted; with a new Introduction.

These Foolish Things MICHAEL SADLEIR

The story of a young man's 'sentimental education,' set in England, Germany and France. Romantic yet essentially sophisticated, this novel by the author of *Fanny by Gaslight* is exhilarating and written with exquisite grace.

The Small Back Room NIGEL BALCHIN

A Book Society Choice on its first publication, this swift, exciting tale depicts a secret research-group of scientists in wartime as seen through the eyes of a sensitive man who believes himself a failure, yet tackles a terrifying task singlehanded on a lonely seashore.

The Black Spectacles JOHN DICKSON CARR

An ingenious detective-story based on a murder by poisoning in full view of three persons, not one of whom can afterwards describe accurately what happened.

Staying with Relations ROSE MACAULAY

A most entertaining story of a young English woman novelist's adventures on a visit to relatives who live in a baroque Maya mansion in the heart of a Central American jungle. By the author of *Potterism*, *Told by an Idiot*, etc.

Goodbye to Murder DONALD HENDERSON

An unusual, tensely told crime study of a woman with a curious liking for cushions, who finds murder necessary in her search for happiness.

Tales of the Supernatural

Weird tales by Bulwer Lytton, Maupassant, Pushkin, Tom Hood and R. L. Stevenson are followed by three modern stories by M. R. James, Walter de la Mare and Hugh Walpole.

The Man Who Watched the Trains Go By GEORGES SIMENON

A remarkable study of a murderer by the great Belgian-French writer whose popularity rivals that of Edgar Wallace. It tells how a quiet chess-playing Dutchman seizes his chance to hit the newspaper headlines.

Grand Hotel VICKI BAUM

The world best-seller (filmed with Greta Garbo, Joan Crawford and the Barrymores) of which J. B. Priestley wrote: 'You want to gulp it down, to get through it at a sitting.'

Journey without Maps GRAHAM GREENE

The provocative record of his journey on foot through the almost unexplored forests of the West African black republic of Liberia, by the author of *Brighton Rock*, *The Man Wuhun*, etc. With a new Introduction.

The Stars Are Dark PETER CHEYNEY

A galloping thriller of the Secret Service and counter-espionage by Britain's best-selling author, who has a net sales certificate of a million copies a year in the British Commonwealth alone.

Hostages to Fortune

ELIZABETH CAMBRIDGE

A novel of great charm, describing with quiet humour and realism middle-class family life from the point of view of a country doctor's wife with three children; topical, too, for Catherine's post-war domestic and psychological problems are largely those which beset many of us to-day.

Great Pan Double-Volumes

Alice's Adventures in Wonderland *with* Through the Looking-Glass

LEWIS CARROLL

The two masterpieces of fantasy are presented in one volume with Sir John Tenniel's original 92 illustrations.

The Fountain CHARLES MORGAN

This distinguished love-story, pitched on a high spiritual level, has achieved international fame.

Fanny by Gaslight MICHAEL SADLEIR

The famous novel about a girl brought up in the brutal underworld of the high society of London in the 1870's, by an author whose knowledge of the period is unrivalled.

Royal Dukes ROGER FULFORD

A highly entertaining biography of Queen Victoria's father and 'wicked uncles' — the eccentric sons of George III whose lives used to be considered so scandalous that a curtain of modesty was drawn across their history.

Made and printed in France.

6990-1-48. — Imp CRÉTÉ, Corbeil. — C. O. L. 31-163L

About this book

Revised and brought up to date by the author has added much fresh material, this edition of **GUIDE TO MODERN THOUGHT** will appeal to the intelligent 'man in the street' to understand the many fascinating aspects of modern thought discussed to-day in books, lectures, and sermons. An admirable and sane expositor, as listeners to the Brains Trust broadcasts well know, Dr. Joad assumes in the reader no previous acquaintance with the subjects treated; avoiding technical details he surveys contemporary views on physics, biology and psychology, and traces their implications. From nineteenth-century materialism he moves to modern materialism as influenced by Pavlov and behaviourism. Sections on "The World of Modern Physics" (in which the recent developments in atomic knowledge are noted), "Current Theories of Life and Matter" and "Vitalism and Creative Evolution" are followed by a fascinating chapter on "Abnormal Psychological Phenomena" and "Psychoanalysis and its Effects." Much of the final chapter, "The Invasion of Literature by Psychology," is entirely new and shows Dr. Joad in his most provocative mood, attacking certain trends in modern novels and short stories.

Dr. Joad is Head of the Department of Philosophy at Birkbeck College, University of London. His many popular books on philosophy and his frequent broadcasts have secured for him a vast public. Low's caricature of him on the cover of this edition is reproduced by kind permission of the artist, starting his career in New Zealand and Australia, and now Britain's leading political cartoonist.

Pan Ltd

8 HEADFORT PLACE