8076 Cannan E. A Review of Economic Dhananjayarao Gadgil Library

GIPE-PUNE-008076

A REVIEW OF ECONOMIC THEORY

By
EDWIN' CANNAN

Emeritus Professor of Political Economy in the University of London

P. S. KING AND SON, LIMITED orchard house, westminster

PRINTED IN GREAT BRITAIN BY RICHARD CLAY & SONS, LTD. Bungay, Suffolk.

X F9 8076

CONTENTS

CHAPTER I

	THE ORIGINS OF	ECC	MONO	IC T	HEOF	ĽΥ		PAGE
§τ.	Ancient and Mediæval Phile	osoph	y					Ì
₩ 2.	Seventeenth-century Philos	ophy	٠.					5
∕§ 3∙	Mercantilism							6
§ 4.	Cameralism and Political A	rithm	etic	•				13
§ 5.	Cantillon's Essay on the Na	ture o	f Con	merce	e in G	eneral		19
	Academic Teaching in Scot	land		•		•	•	21
	Physiocracy in France.			•		•		25
§ 8.	Smith's Wealth of Nations		•		•		•	35
	CHA	PTE	R II		,			
	THE NAME OF	ECO	IMON	СТН	EOR	r		
8 T	The Ancient Meaning of "	Fronc	mice	,,				37
	"Economy" and "Politica				•	•	•	38
	"Economics" and "Econo			' .	•	•	•	43
3 0.				•	•	•	•	73
	CITAL	ייייי	. 777					
	CHAI							
	THE THEORY	OF	PRO	DUCT	ION			
§Ι.	The Nature of Produce				•			45
	The Requisites of Production						•	53
§ 3.	Causes of Variation in per a	apita	Prod	uce	•	•	•	59
	• • •							
	· CHA	PTEI	R IV					
	THE INFLUENCE OF				וסד דאו	sans:	CE	
£ -								6.0
	The Emergence of Theory The Inevitability of Checks		•	•	•	•	.•	62
	The "Law of Diminishing !		ne "	•	•	•	•	65
	The "Optimum".	recui	ща	•	•	•	•	74 81
	The Future	•	•	•	•	•	•	88
2 2.	THE THERE'S	vii	•	•	•	•	٠	00
		* **		1				

CONTENTS

CHAPTER V

THE INFLUENCE OF CO-OPERATION ON PRODUC	E PAGE
§ 1. The Advantages of Division of Labour	• 93
§ 2. The Stimulus to Industry	. TOI
§ 3. The Distribution of Labour between Occupations .	. 107
§ 4. The Selection of Individuals for Occupations	. 116
§ 5. The Local Distribution of Occupations	. 118
CHAPTER VI	
THE INFLUENCE OF ACCUMULATION ON PRODUCE	t
§ 1. The Accumulation of Knowledge or Non-material Equip	
ment	. I22
§ 2. The Accumulation of Material Equipment	. 126
§ 3. The Commercial and Ordinary Conception of "Capital"	. 134
§ 4. The Economists' Conception of "Capital"	. 145
§ 5. Inappropriateness of Capital as a Name for Accumulate	
Material Equipment	. 150
CHAPTER VII	
THE THEORY OF VALUE IN GENERAL -	سد سور سور
§ 1. Early Theories	154
§ 2. Adam Smith's Cost of Production Theory	. 164
§ 3. Ricardo's attempt to revive the Pure Labour Theory	. 172
§ 4. Ricardo on the Value of Currency	. 180
\$ 5. Ricardo on the Value of Foreign Goods	. 182
§ 6. Breakdown of the Pure Labour Theory	. 185
§ 7. The Labour-and-other-Sacrifices Theory	. 187
§ 8. Utility	. 196
§ 9. Elasticity of Demand and Increasing and Diminishing	-
Returns	206
§ 10. Conclusion	. 210
•	
∨CHAPTEŔ VIII	
•	
THE THEORY OF THE VALUE OF LAND	
§ 1. Early Theory: Rent an Index of Prosperity .	. 218
§ 2. Neutrality of Adam Smith	. 222
§ 3. The Corn Bounty: "No-rent Land"	. 227:
§ 4. Rent Unpopular: "Diminishing Returns".	. 230
§ 5. Differences of Rent	237
§ 6. The Distinction between Land and Capital	241
§ 7. Ricardo on the Value of Forests, Mines and Quarries	. 246
§ 8. Decay of the Ricardian Theories of Rent	248

A REVIEW OF ECONOMIC THEORY

PREFACE

In the Preface to the 1917 issue of my History of the Theories of Production and Distribution in English Political Economy from 1776 to 1848 I expressed a hope that "within the next few years" I might be able to supplement that book by one in which the period dealt with in it might be "put in its proper relation both with what preceded it and with what followed it." The present work may perhaps be accepted as a somewhat tardy fulfilment of the half-promise, but, to use the perfect frankness which becomes a preface-writer, it is much less a supplement to the earlier work than a rendering in book form of the substance of the course of about sixty lectures entitled "Principles of Economics, including the History of Economic Theory," which I gave to second and third year students at the London School of Economics for many years down to June 1926.

That course covered two years, and lectures repeated only every second year are much more easily altered than those repeated every year, so that faithful note-takers of the earlier part of the period are likely to find many things omitted and others added, and even those who attended in 1924-6 will find changes which I might have introduced if I had been lecturing in 1927-9 with the advantage of a sabbatical—or rather a belated semi-jubilee—year's release from oral teaching.

Of the buzzing φροντιστήριον or "thinkery," as Aristophanes would have called it, which in my time moved from two rooms in John Street to five in Adelphi Terrace, and then leapt to what we thought magnificence in Clare Market, and gradually fought its way from there through a wilderness of old bricks and mortar and dirt to a front door in Houghton Street, I have many pleasant recollections, but none sweeter than that of what

Professor Lilian Knowles, in her kindness of heart, told me a few months before her untimely death:

"A student talking to me the other day about you said, 'There's one thing about him; he always makes you want to go on.' Wasn't that nice?"

It was; and it encourages me to hope that this book, in spite of all the deficiencies of which I am painfully aware, and all the others which will be found out by reviewers and readers, may yet make a few more students "want to go on." There is no finality in economic theory, and indeed, until it makes more impression on the vulgar mind than it has so far done, it must be regarded as only in its infancy.

The title, "A Review of Economic Theory," has been chosen to disarm the criticism of those who would complain of omissions. A reviewer always does well to say what he wants to say and leave the rest out.

June, 1929.

INDEX

ABILITY, "rent" of, 313-17, 358 Cantillon, Richard, 19-21, 29, 65, Absentees, 411 161-2, 253-4, 285-9, 303-4, 336-7, 369-70, 373, 433 Abstinence, 152-3, 187, 192, 275, Capital, 134-53, 241-6, 269-71; and earnings, chap. xi Carey, H. C., 260 Carr-Saunders, 81 n., 86 Accumulation, chap. vi Advantageousness of occupations, 371-6 Agriculture, alleged pre-eminence Chalmers, George, 17 n., 293 n. - Dr. Thos., 260 of, 29 Chapman, Sydney J., 240 Almsgiving, 413-14 Ananias, 414 Anderson, James, 76–8, 228–30, Checks to population, 65-74 Child, Sir Josiah, 251, 336 Christian Socialists, 437 233, 237 Apothecary's profit, 306, 311, 361 Claims on income, 408 Appreciation of money, and in-Classification of incomes, chap. x terest, 277-80 Colbert, 25 Colonies, profits in, 258 Aquinas, 3 n., 93 Aristotle, 2, 93, 284 Combinations, and earnings, 381-4 Arithmetical ratio, 68-70 Commodity, 48-9 Commonweal of Ashley, 3 n., 4, 13 Augustine of Hippo, 4 this Realm of England, 5 Augustus, 63, 432 Companies, commercial, 440-42 Average and normal, 170 n., Competition, not a struggle for existence, 91 Babbage, 98, 435-6, 439 Concentration of industries, 99-Bacon, 64 Balance of trade, 8-13 Consumers, and wages, 381, 387 Bank-rate, 275-7 Barbon, Nicholas, 157 Consumption the purpose of production, 48 Bargaining, advantage in, 339-40, Co-operation, chap. v 381-4 Co-operative production, 435-44 Barton, John, 351 Copyright, 124 Bequest, 405 Corn Bounty, the, of 1688, 227-Bielfeld, 23 Birth-control, 88-9 Corn laws, 172, 226-7, 231-7, 249 Bohm-Bawerk, 253 n., 261 n., 263-Cost of production, 154-196, 213-15, 4, 273, 280-3 275 Bonar, James, 5, 23 n. Booth, Charles, 419 Cotgrave, 137 Currency, value of, 180-82, and Borrowing for war, 269-71 interest, 277-80 Bounty, the Corn, 227-8 Bruce, P. A., 64 Dafforne, Richard, 136 Buchanan, David, 230-31, 348-9 Darwin, 90 Davenant, Dr. Charles, 17-19, 206-Ca' canny, 377-80 7, 220, 284, 293, 334-8 Cairnes, 189, 203-4, 355 Death duties, 406-7 Cameralism, 13-14 Decumulation, 260

446 INDEX

Demand, chap vii; "for commodities, not for labour," 109; for labour, 350–56, 376–7
Depreciation of money, and interest, 277–80
Deterrence, principle of, 416–19
Diminishing returns, 74–81, 229–4
38, 258–60
Distribution, chap x, 397–8
Division of labour, 93–101
Domestic service, 382, 394, 443
Du Pont de Nemours, 27–8, 222
Duty, 104–7

Earnings, general level of, chap xi; inequalities of, chap xi; least India Company, 442
Economic Table, 30–31, 293–4
Economics, 37–8, 43
Economist, 37, 41, 44
Economiste, 44
Economiste, 44
Education, 372–3, 420–21
Efficiency and earnings, 377–80, 386, 396
Elasticity of demand, 102–3, 213, 377–80, 382, 417
Ellis, William, 99
Employers and employed, 331, 441
Encyclopédie, 94–5
Entrepreneur. See Undertaker
Equality, economic, 413–22
Equipment, chap vi
Espinas, 6
Expenses of production, 190
See
Cost of production, 190

Fawcett, Henry, 240, 260, 353, 355

M G, 260

Final utility, 201, 205

Fish, Roscher's accumulation of, 132

Fisher, Irving, 136, 150, 264

Fisherman, 273, 310-11

Fittest, survival of the, 89-92

Fleetwood, Bishop, 160

Flux, A. W., 327 n.

Garmer, Germain, 46 n.
— Joseph, 44 n.
Goldsmith, Oliver, 64
Gournay, Vincent de, 25–7
Greek philosophers, 1–2, 284
Grocer's profit, 306
Grotus, 5

Harris, Joseph, 95-6, 162-3 Health insurance, 429 Henderson, H D, 209 Heredity in occupations, 108-9 Hewins, W. A. S., II n. Hexham, Henry, 137 n. Higgs, Henry, 34 n Hodgskin, Thomas, 266 Mollander, J. H., 177 n. Hooke, Andrew, 143 Horses, 103-4, 328-9, 333-4 Hours of labour, 113-114 Houses, 401, "unproductive," I4 Hume, David, 64, 252-3, 336, 343 Hunger, not a good stimulus, 104 Hutcheson, Francis, 21, 38, 94, 160-61, 369, 373

Income, 49; chaps x-xiii Increment of land value, 401-2 Independence, 432-44 Independent workman, 359-61, 433 Index-number of prices, 211-12 Inequality, of labour incomes, chap xii, of property incomes, chap xii, of property incomes, chap xii, how measured, 421 Infant mortality, 86-7 Inheritance, 388, 403-7 Institutions, 440-42 Insurance, 274-5, 424-32 Interest, chap ix, 311, 320, 404 International trade, 182-5 Invention, 122-5, 268, 366-7 268, 366-7 Iron law of wages," 337

Jevons, W S, 19, 43–4, 132, 200–4, 357 Jewish, ancient, economics, 1, 284 Johnson, Dr. Samuel, 140 Jones, Richard, 237 Judgment, 49–50, 409–10 Jukes, Margaret, 90

Kennedy, John, 119-20 King, Gregory, 17-18, 206-7, 293 Knowledge, 122-5, 215

Labour, not an evil, 49, 213-14, not creative of value, 186; skilled, 369-71, 374; supply of, 369-76, demand for, 350-6, 376-7, incomes, chaps. xi, xii

Laissez-faire, 25
Lancashire and concentration, 119-21
Land, chap viii, 400-403
Landlords' "monopoly," 225, 231; "interest opposed to that of the community," 235
Landry, Adolphe, 44
Lauderdale, Lord, 44, 46, 260

John, 159, 251 tation of quantity essential to lue, 212-13 lisation, 99 ce, John, 6, 97, 157-9, 161, 251, ze, F. D., 355 gfield, Mountifort, 260-61, 263, k, 409-10 her, 63, 93 cCulloch, 55 n., 123, 185, 299, 349 n., 351-2 Aacleod, H. D., 43, 44 Ialthus, T. R., 55, 67-74, 86-8, 172, 175 n., 180-82, 229-31, 235, 241, 345-50, 373-4, 416 Management, earnings of, 309-12, 358-63 Iandeville, 21, 94, 97 Marcet, Mrs. Jane, 350 Marginal utility, 200–206 Marshall, Alfred, 43, 44, 57-9, 76, 89, 99, 153, 177 m., 189-96, 204-10, 215, 240, 249, 261 m., 262, 264, 274-5, 279-80, 302, 309-12, 316-17, 320-29, 333, 372, 381-2, 387-8 - M. P., 43 arx, Karl, 374 aster, 443 iterial equipment, 126-53 illin, J., 136 inger, Karl, 200, 203 itropolitan Water Board, 442 idle Ages, economics in, 3-5 l, James, 47, 55, 185, 299, 349
- John Stuart, 47, 56-7, 82, 84, 109, 123, 188-91, 240, 260, 299, 309, 350, 352-3, 355, 374, 397, 101-4, 434-8, 442-4 nes, "rent" of, 246-8 rabeau, 19, 30, 32-3, 35, 40, 295 bility of population, 412 mopoly, 124, 225, 231, 382 ontchrétien, 13, 39 ontesquieu, 251-2 ore, Sir Thomas, 5 un, Thomas, 7-10, 97, 334

atality, 83
atonal inequalities, of incomes,
331; of wages, 391-6; of property, 410-12
Vatural price. See Value.
Jatural rates, 169
latural selection, 89-92
Veed, 413-14

Nicholson, J. S., 326 Normal and average, 170 n.

Occupations, choice and change of, 107-18; place for, 118-21; inequality of remuneration in, 369-88
Oncken, Auguste, 34 n.
Ophelimity, 197
Optimum of population, 81-7
Owen, Robert, 437
Paley, William, 64-5

Papia et Poppaa, 63 "Par between land and labour," 39, 285 Parnell, Sir Henry, 233 Patents, 124 Paul, Saint, 414-16, 419 Pauper, 418 Pensions, Old Age, 419-20 Petty, Sir William, 14-17, 39, 65-6, 93-4, 218-19, 284, 293, 335-6 Philosophers, 1-6, 251 Physiocrats, 25-34, 46-7, 54, 221-2, 231, 289-90, 337 Pigou, 275 n. Plato, 2, 25, 93 Political Arithmetic, 14–19 Political Economy, 38-43 Politics stimulate economic thought, 226-7 Pollio, Vedius, 432 Polybius, 39 Poor Law, 89-90, 345-8, 351, 415-19 Poplar, 418-19 Population and produce, chap. iv; and value, 216-17; and earnings, 340-44; and capital, 368
Port of London Authority, 442 Postlethwayt, Malachi, 19, 140 Potter, Beatrice, 438 Price. See Value. Primogeniture, 404-5 Produce (the verb), 29 Produce (the subst.), chaps. iii-vi; and earnings, chaps. xi, xii; measurement of, 51-3 Produst net, 28 Profits, 167-8; rate of, 255-60, 308-12, 358-63. See Interest and Undertaker. Profit-sharing, 435-44 Progressive taxation, 406, 408, 421 Property, capital and material equipment, 150-3 Property incomes, chap. xiii Protection, 172, 232-3, 235-6 Providence, 407-9

Pseudo-distribution, 301, 397 "Public assistance, Pufendorf, 5-6 Quantity and utility, 260-65 Quasi-rent, 318–29 Quesnay, 27-34, 40, 293, 337 Rae, John (1786-1873), 97 Adam - (biographer of Smith), 21 Raleigh, Walter, 64 Rent, chap. viii, 167-8, 284-5, 312-20; "of ability," 313-14, 316-17, 358 Research, 125 Revenue, 47 Ricardo, David, 55, 172-85, 198-9, 205-6, 210, 234-49, 258-60, 298-9, 312–13, 349, 351, 374 Risk, 188, 274–5, 304, 400, 422–32 Ritchie, D. G., 2 Rodbertus, 104 Rome, ancient, 3, 63, 284 Roscher, 93, 129 n., 132, 283 Rousseau, 39 Royalties, 246-8 Sacrifices, 187-96, 213-14 Saving, 151-2 Say, Jean-Baptiste, 46, 54-5, 197-9, 297-8, 308-9 Scarcity, 196 Schelle, G., 34 n. Scissors, Marshall's simile of, 210 Scott, W. R., 22 n., 136-8 Security, 422-32 Seignorage, 181-2 Senior, N. W., 46-7, 78, 123, 187-8, 200, 357, 361-2 "Sewers for the sewer-cleaners," 438 Shadwell, J. L., 357 Short-term loans, 275-7 Sidgwick, Henry, 59-60, 81, 262-3, 265 Sihon, king of Heshbon, 91 n. Skilled labour, 369-71, 374 Slave labour, 103-4, 328, 334 Smith, Adam, 8-13, 21-5, 34-6, 42-3, 45-8, 53-4, 94-7, 108, 122, 131-4, 143, 145-50, 164-75, 182, 197-8, 222-6, 229, 231, 241, 247, 254-8, 291-7, 304-9, 311, 319, 330, 338-45, 350-52, 356, 359, 361-2, 370-74, 381 Specialism, 112-13, 427 Spence, Thomas, 230 Spencer, Herbert, 90-91

Spendthrift demand for capital, 269-71
Standard of life, 348-50, 368
Stangeland, C. E., 64 n.
"Sterile" labour, 29, 45-7, 289-90
Steuart, Sir James, 24, 40-43
Stimulus to industry, 101-7
Stock, 132-4, 140, 415
Storch, 313-14
Strikes, 383
Sturtevant, J. N., 43
Subsidised wages, 376
Subsistence wages, 333-8, 368
Supply, chap. vii. See Value.
Symes, J. E., 47 n.

Tableau économique, 30-31, 293-5 Tanssig, F. W., 60, 240, 264+5, 302 Thales, 2 Thornton, W. T., 355 Thunen, von, 206, 260-61, 263 Tooke, Thomas, 309 Torrens, Robert, 55, 349 n. Townsend, Joseph, 64, 89-92, 416 Trade unions, 381-4 Trust (in regard to wages), 371-3 Turgot, 25-7, 34, 74-5, 163, 221, 254, 282, 290-91, 294, 304, 337-8

"Uncertainty-bearing," 275, 371-2 Undertaker, 167, 253-4, 285-91, 303, 308-9, 358-63, 389-91 Unemployment insurance, 429-32 "Unproductive" labour, 29, 45-7, 289-90, 350 "Usury of victuals," 277 Utility, 196-206, 212

Value, 51-2; chaps. vii-ix Vauban, 64 Verri, 40, 42, 163-4

Wages, 112-13, 188-9; chaps. xi, xii; "economy of high," 343-4
"Waiting," 153, 275
Walker, F. A., 317 n., 357-8
Wallace, Robert, 66-8, 73
War, 50, 270-71
Webb, Sidney and Beatrice, 383
See Potter.
West, Sir Edward, 231-4, 237, 23
257-60, 356
Whately, Archbishop Richard, 44, 186-7, 314
Women's employments and wages, 380-81
Workhouse, 415, 418

Xenophon, 93