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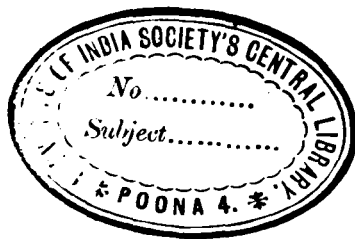
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TRADE, TARIFFS & TRANSPORT,
IN
INDIA

BY

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Guide to the Study of Economics.

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TO

G.

IN MEMORY OF A MISUNDERSTANDING.

"Tout Casse, Tout Lasse, Tout Passe".

PREFACE

THIS work was originally intended to be a sort of a companion volume to the *Sixty Years of Indian Finance*. But on reflection, it was found impossible to combine in the scope of such a volume the historical with the analytical treatment of the trade of India and its accessories. An economic history of India, from the earliest times, is as badly needed as it would be a great piece of research when produced. For lack of the necessary library facilities, I have had to abandon, at least for the present, a historical survey of the economic development of India, after adding an Introduction to this work, content only with pointing out, without exploring, the infinite possibilities for economic research. And even in the narrower sphere of recent years, space considerations have precluded that emphasis on the historical growth and continuity, which is a feature of the work on Finance, though even in that case some critics have held that it would have been better if I had separated the historical from the analytical study of the Indian financial system into two separate volumes. Accordingly, in this work, more stress is laid on the analysis of the present day trade and its accessories, though the historical side is not entirely ignored, in the hope that the volume may be of service to all classes of readers interested in the study of economic problems of this country.

The title of the work needs an explanation. It is not merely an essay in alliteration. Trade conditions cannot fairly or comprehensively be considered without their indispensable aids of transport facilities and tariff regulations, which play so great a part in the development of modern international commerce. The economics of transport, besides, seem to me to be very generally ignored in the Indian University curricula, and *a fortiori* much less understood by the business world. The Railways have, indeed, been fairly well studied in admirable monographs, like those of Mr. Ghose or Mr. Tiwari; but, I think, the Railways have attracted public attention rather in their financial aspect than in their real utility to the industry and commerce of the country. And, in any case, the economics and possibilities of Road and River communication, as well as questions of Ocean transport, have attracted very little scientific inquiry, except, perhaps, in a specific grievance like the Deferred Rebate System. It would be presumptuous and untrue to say that the present volume—or, that section of it which deals with transport problems—is a treatise on Transport Economics. All it claims is that it includes an elementary survey of the general economics of all recognised commercial means of transport, with, of course, a special reference to Indian conditions and problems. I would be more than satisfied if it helps to attract attention to the need for a closer study of transport problems in India comprehensively. In the section relating to Tariffs, a brief examination of the general controversy between Free Trade *versus* Protection is

followed by a more detailed consideration of conditions in India, with a specific scheme for protectionist legislation in India to give point to the criticism or analysis preceding. The most important adjunct to commerce—currency and banking—is omitted from this volume, as much because of the existence of a number of excellent works on the subject, beginning with that of Mr. J. M. Keynes, as also because the present writer has recorded the results of his study in that domain in a separate work: *Indian Currency, Exchange and Banking*.

The difficulties of such publications as these to persons not able to command the services of a Government Press or an unlimited purse are often not understood at all by the reading public, such as there is. The study and writing of it is the least of the list—or perhaps hardly a difficulty at all to those who have a love for their subject. But, as in India the publishing business is still unknown, considerations of cost would alone prove prohibitive to many a keen student who cannot afford to take the risk. With the exception, perhaps, of the University of Calcutta, no University seems to have perceived the need for a press of its own to facilitate the publication of works of research that cannot possibly sell like “hot cakes”. One would have thought a University Press could have been easily made a business proposition. There is a welcome departure in the constitution of Universities in India with the teaching side; but the new teaching Universities have yet to evolve the whole gamut from their relations to their professoriat to the legitimate inter-change of inter-university courtesies. I mention this difficulty in order the more fully to acknowledge my gratitude to the University of Bombay, who have afforded me valuable assistance. But the lack of good publishing houses makes a writer’s difficulties multiply, not only in regard to the money cost of the publications, but much more so in the real effort of proof-reading and all the thousands and one troubles to get a book ready for the public. I mention these difficulties not, indeed, to excuse the errors and defects, that still remain in the work; and of which no one can be more conscious than the writer himself; but only to urge before a discerning reader an extenuating circumstance.

I have been accused by some critics of an undue warmth of expression in other works of mine on cognate subjects. I might reply, in the words of Sir J. Douie, reviewing the *Sixty Years of Indian Finance* in the *Economic Journal*: “To expect an Indian economist, with pronounced nationalist views, to discuss the questions with which the book deals with complete freedom from bias would, at the present time, be futile.It may be said in passing that such an intemperate attack on the present Indian Civil Service, as is to be found on pp.106–108, coming, as it does, from a very intelligent and well-educated man, is a deplorable example of the growth of racial feeling in India and of evil augury for the future.” I might also reply by pointing to works, accepted by my critics as excellent pieces of research, as exhibiting the worst features they take exception to in

my work. I might even reply by the easy retort that the warmth of my expressions ought to measure the strength of my convictions. I prefer, however, to say that the charge, if really deserved, would certainly be a blemish in a scientific work of research, and to add that in this work I have tried to avoid the accusation as far as it lay in me. If, however, the mere statement of unpalatable facts makes a critic repeat the charge, it would be useless to defend oneself against such criticism.

This work practically completes the series of special economic problems of India the present writer had set himself to investigate into. A special study of the Indian agrarian problems still remains to be achieved, quite apart from the great need of a competent research work on a comprehensive economic history of India. The Department of Economics of the Bombay University has in hand schemes of studies which might obviate this want in course of time. But mention is made of this point here because of the growing conviction in the mind of the present writer of a much greater need which is not generally perceived at all. We need to revise some of our very fundamentals in Economics. If a vast amount of misunderstanding and recrimination are to be avoided, under conditions like those prevailing in India, it would be necessary to define as clearly as may be the goal in view. What are we all striving for? And, to begin with, it is necessary to recast the theory of values, so as to make a harmony—not a maze—of ethical, economic, and social considerations. In our accepted theories on the subject, we have, to say the least, not reconciled these seemingly incompatible requirements; and the present writer for one would fain devote himself to a closer study of social philosophy before taking up any specific problem of the moment, however urgent it may seem, in order to attempt a comprehensive theory of values.

I have tried to record acknowledgments of my obligation in the text wherever necessary. It would be invidious to select in this place even a few for special mention. I must nevertheless record my obligation to Mr. S. P. Kabadi of the Bombay Students' Brotherhood for the valuable aid he has rendered me in proof-reading and in the compilation of the Index.

15th June 1923.
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K. T. S.

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APPENDIX.

ANALYSIS OF INDIA'S FOREIGN TRADE IN 1920-21,
1921-22, 1922-23.

Import.	1920-21 Rs.	1921-22 Rs.	1922-23 Rs.
I.—FOOD, DRINK & TOBACCO—			
Fish (excluding canned fish) ...	20,59,532	18,77,064	24,29,949
Fruits and Vegetables ...	1,67,82,394	1,68,00,317	1,83,57,258
Grains, Pulse, and Flour ...	5,06,208	9,35,58,903	54,32,031
Liquors ...	4,21,17,387	3,37,20,051	3,00,93,579
Provisions and Oilman's Stores ...	3,60,96,100	2,70,36,255	2,77,30,379
Spices ...	1,91,07,887	1,92,59,480	2,44,54,233
Sugar ...	18,50,29,754	27,50,23,258	15,48,89,968
Tea ...	40,20,818	55,39,983	45,52,265
Other Food and Drink ...	2,44,02,651	1,69,67,853	1,93,87,376
Tobacco ...	2,95,91,226	1,65,05,763	2,25,67,007
Total ...	<u>35,97,13,957</u>	<u>50,62,93,927</u>	<u>50,98,94,045</u>
II—RAW MATERIALS, AND PRODUCE AND ARTICLES MAINLY UNMANU- FACTURED—			
Coal ...	29,17,974	5,78,01,678	3,08,92,733
Other Non-Metallic Mining quarry produce and the like ...	1,17,18,793	1,15,19,040	2,62,69,383
Fodder, etc... ..	1,80,535	80,256	96,798
Gum, Resin and Lac ...	47,60,950	41,00,398	57,95,251
Hides and Skins (raw) ...	10,45,863	9,81,734	9,77,183
Metallic Ores and Scrap Iron or Steel for remanufacture ...	17,55,274	8,67,429	1,25,458
Oils, Vegetables, etc... ..	8,76,40,493	7,56,14,065	6,89,15,530
Oil Cakes ...	1,40,587	18,878	10,446
Paper-making Materials ...	49,91,000	43,67,918	24,25,837
Rubber ...	3,364	3,037	421
Seeds ...	51,49,646	46,73,386	4,54,157
Tallow, Stearine, and Wax ..	48,98,960	21,52,857	27,21,058
Textiles—Cotton, raw & waste ...	1,69,55,047	3,44,30,736	1,73,41,612
Do. Jute, raw ...	2,820	2,886	0,206
Do. Silk, raw & waste ...	1,66,50,160	1,35,22,974	1,80,33,645
Do. Wool, raw... ..	6,50,150	9,11,710	13,04,629
Do. Other Materials ...	9,17,015	8,68,625	5,65,291
Wood and Timber ...	1,07,57,725	86,33,292	49,18,264
Miscellaneous ...	52,73,546	58,82,787	58,06,491
Total ...	<u>17,64,10,394</u>	<u>22,34,06,746</u>	<u>18,46,59,387</u>

III.—ARTICLES WHOLLY OR MAINLY MANUFACTURED—			
Apparel	4,32,11,735	1,28,03,926	1,27,14,290
Arms, Ammunition and Military Stores	63,95,627	70,10,666	62,82,839
Chemicals, Drugs and Medicines ...	5,16,46,700	3,74,56,614	3,92,02,725
Cutlery, Hardware, Implements and Instruments (excluding Electrical Instruments and Apparatus ...	11,97,34,333	7,87,17,505	6,73,48,356
Dyes and Colours	5,72,41,890	4,49,09,858	4,23,20,363
Electrical Goods and Apparatus ...	4,18,38,639	4,06,34,401	2,14,10,867
Furniture, Cabinetware and manufactures of wood	95,65,258	54,28,986	25,85,855
Glassware and Earthenware	4,27,67,209	3,00,29,705	3,37,82,077
Hides and Skins, tanned or dressed, or Leather	1,28,62,099	66,42,567	52,39,343
Machinery of all kinds including belting for machinery	24,08,55,793	35,49,21,092	24,42,83,282
Metals, Iron and Steel and manufactures	31,23,21,086	21,05,99,511	18,36,12,356
Metals other than Iron and Steel and Manufactures	9,34,55,453	5,05,14,863	6,91,87,914
Papers, Pasteboard, and Stationery.	9,12,48,822	3,25,48,789	3,70,41,196
Railway Plant and Rolling Stock ...	14,13,04,961	18,91,06,135	11,05,80,847
Rubber Manufactures	2,52,02,338	1,54,35,372	1,80,19,646
Vehicles (excluding locomotives for Railways)	14,30,28,605	4,41,53,882	3,42,56,501
Textile—Cotton Yarns and Manufactures	1,02,12,00,290	56,93,80,548	70,13,02,032
Textile—Jute Yarns and Manufactures	26,28,784	19,84,191	16,79,300
Textile—Silk Yarns and Manufactures	3,59,33,100	2,98,70,549	3,16,54,472
Textile—Wool Yarns and Manufactures	5,53,00,370	1,22,86,854	1,51,56,436
Textiles—Other Yarns and Fabrics.	4,81,75,477	1,07,79,630	1,60,62,820
Miscellaneous... ..	12,86,80,541	10,54,26,063	10,03,17,028
Total	2,74,45,99,140	1,69,06,41,107	1,79,40,40,545
IV.—LIVING ANIMALS—			
Horses... ..	37,81,852	19,98,060	24,53,585
Other living animals	1,33,040	1,43,109	1,29,048
Total	39,14,892	21,41,169	25,82,633
V.—POSTAL ARTICLES NOT SPECIFIED...			
Total	7,13,50,029	4,09,80,473	3,47,28,325
Total	3,35,59,88,412	2,66,34,63,422	2,32,59,04,935
Government Stores	11,53,63,710	14,07,76,090	11,71,45,746
GRAND TOTAL	3,47,13,52,122	2,80,42,39,521	2,41,30,50,881

EXPORTS.	1920-21 Rs.	1921-22 Rs.	1922-23 Rs.
TOTAL FOREIGN MERCHANDISE INDIAN MERCHANDISE—			
I.—FOOD, DRINK & TOBACCO—	18,04,34,866	14,06,34,125	15,16,30,827
Fish (excluding canned fish) ...	56,02,338	60,35,208	54,25,327
Fruits and Vegetables ...	60,33,680	63,23,260	63,11,819
Grain, Pulse, and Flour ...	25,64,94,019	29,98,97,517	42,47,63,223
Liquors ...	27,527	18,569	49,418
Provisions and Oilman's Stores ...	74,17,680	70,66,738	60,91,640
Spices... ..	80,31,710	1,00,35,539	1,09,79,949
Sugar	95,47,993	24,86,690	10,48,839
Tea	12,14,97,645	18,22,01,913	21,88,07,526
Cloth, Food and Drink ...	1,42,99,173	1,39,24,522	1,24,74,230
Tobacco	74,92,272	71,30,790	82,67,812
Total ...	43,67,44,017	53,51,20,746	69,42,19,783
II—RAW MATERIALS, AND PRODUCE AND ARTICLES MAINLY UNMANUFACTURED			
Coal	1,49,38,810	5,32,320	14,52,131
Other non-metallic quarry products and the like	1,09,10,193	64,91,082	62,35,975
Fodder etc.	1,14,17,925	1,14,59,913	1,26,25,569
Gum, Resin and Lac	7,68,37,384	7,93,67,860	70,37,27,584
Hides and Skins, (raw)	5,24,84,457	5,98,13,988	5,70,60,201
Metallic Ores and Scrap Iron or Steel for remanufacture... ..	2,46,59,364	1,70,24,468	2,26,10,442
Oils, Vegetables, etc.	3,48,66,685	2,84,34,462	3,19,81,409
Oil Cakes	1,16,63,362	1,36,56,732	1,72,24,999
Paper-making Materials	23,247	2,556	1,251
Rubber	1,55,13,822	77,16,072	72,50,093
Seeds	1,68,33,47,923	17,40,69,114	27,35,39,162
Tallow, Stearine, and Wax... ..	10,89,296	9,13,304	8,75,505
Textile—Cotton, raw & waste	42,19,34,292	54,49,07,520	72,07,18,919
Do. Jute, raw & waste	16,36,08,642	14,04,91,597	22,52,86,095
Do. Silk, raw & waste... ..	33,39,786	26,28,546	38,17,258
Do. Wool, raw	2,25,71,797	2,54,46,095	4,41,43,267
Do. Other Materials	86,68,394	39,43,896	61,08,264
Wood and Timber	1,23,64,706	53,61,969	24,02,714
Miscellaneous	2,05,41,605	1,76,53,799	2,10,61,898
Total ...	11,07,57,73,690	1,14,14,20,593	1,56,51,22,737
III—ARTICLES WHOLLY OF MAINLY MANUFACTURED—			
Apparel	30,33,472	31,25,343	37,52,933
Arms, Ammunition and Military Stores	786	191	3,532
Chemicals, Drugs and Medicines ...	3,78,57,067	2,85,82,113	3,07,51,884
Cutlery, Hardware, Implements and Instruments, (excluding Electrical Instruments and Apparatus) ...	10,08,899	9,46,588	9,28,322

Dyes and Colours	1,10,85,653	1,33,19,774	1,20,69,826
Electrical Goods and Apparatus
Furniture, Cabinetware and Manu- factures of wood	9,42,640	11,87,876	8,84,7.3
Glassware and Earthenware ...	2,19,978	2,37,435	3,95,853
Hides and Skins, tanned or dressed or Leather... ..	3,29,53,345	4,03,36,813	5,16,07,178
Machinery of all kinds, including belting for machinery	35,272	50,991	47,038
Metals, Iron and Steel and manu- factures	59,43,793	56,58,533	93,95,890
Metals other than Iron and Steel and manufactures	1,19,02,308	1,28,56,878	1,63,62,350
Paper, Pasteboard, and Stationery.	1,87,739	2,58,816	1,03,188
Railway Plant and Rolling Stock ...	11,34,426	667,793	234,541
Rubber Manufactures	44,441	4,535	9,331
Vehicles (excluding locomotives for Railways)	27,491	35,575	73,015
Textiles—Cotton Yarn and Manu- factures	18,27,13,282	15,65,07,166	13,06,21,869
Textiles—Jute Yarns and Manu- factures	52,99,46,798	29,99,57,166	40,49,99,381
Textiles—Silk Yarns and Manu- factures	5,16,995	2,96,069	2,42,956
Textiles—Wool Yarns and Manu- factures	84,42,248	71,31,650	98,41,387
Textiles—Other Yarns and Fabrics.	1,99,186	5,30,475	6,29,599
Miscellaneous	2,92,41,824	3,12,63,963	3,16,73,186
Total ...	85,74,37,643	60,29,55,663	70,46,27,982

IV—LIVING ANIMALS—

Horses	95,605	95,045	1,10,785
Cattle	20,44,677	16,74,382	8,28,912
Sheep and Goats	10,92,365	12,64,322	11,25,513
Other Living Animals	1,43,775	2,53,652	2,63,334

Total ... 33,76,422 32,92,401 23,23,544

V.—POSTAL ARTICLES ... 2,67,90,851 3,10,11,434 2,21,68,697

Total ...	2,40,01,22,623	2,31,38,00,887	2,98,84,67,743
Government Stores	9,58,78,686	3,21,51,194	1,74,64,717

GRAND TOTAL ... 2,67,64,36,175 2,48,65,86,206 3,15,75,63,187

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Imperialism	517
Imports, Invisible	72
Iron and Steel	143
of India	10,41,68,73,84,85,90,108,153,320,321,323,325,426,427,428,429
Inchcape, Lord	392
India	433,434
British	54,320,421
Ancient	14,21,23

	P.				P.
Budhist	25,113	Kamsa			28
Mediæval	33	Kamaschatka			7
Modern	439	Kandahar			28
Moghul	29,34,47,48	Kaue			20
Western	419	Karachi	101,109,234,388,409,441,443		
Indian	22,69,329,410	Karwar			409
Indigo	5,10,13,30,38,41,271,291	Kasim, Mir			49
Indus	22,35,408,409	Kastrimrig			14
Industry, British	51,88,306	Kennedy, Mr. J.	2,3,4,8,9,13,14,17,24		
Jute	169	Kereea			46
Dye	163	Kerosene			109
Cotton	129	Kerr			33
Socialization of	244	Ketch			35
Shipbuilding	259,432,434,437,439,442,	Khajak			388
Beet Sugar	259	Kherghez			35
Basic	281,282	Khilji, Alauddin			43
Local	290	Kiliman			442
Key	303	Kingdom		11,52,64,74	
Indigenous	289		249,306,307,369,382,448		
Steel	372	Kings, Bahamani			33
I. O. U.	25	Kirkaldy	375,378,380,382,388,398,404,406,		407,413,415,425
Industrialisation	175,312,313	Kis			36
Innes, Mr.	288	Kistna,—District of			236,409
Instruments	327,425,429,448	Kohinoor			30,32
Insurance	427	Kurdish			2
Interests	196,313,316,317	Kutavaniya			23
Internationalism	256				
Invasion,—Macedonian	20	L			
Investment	49,183,298,301	Labour			67,86,290,314
Irak	35	Lac			362,430
Iron,—	30,35,41,94,341,345,362,429,	Lahore			39,40
	439,447	Lahsa			36
Irrigation	159,409	Laing—Mr. Samuel			264
Ivory	10,11,12,14,41,365	Lal, Lala Harkisen			280,279
J		Lamp, Alladin			317
Jaffer,—Mir	49	Lapis Lazuli			11
Jain	26	Lassen			5
Jattakas,	8,9,23,25	Law, Sir Edward—Tariff (1890)	268,302,310,		394,432,438
Japan	3,57,65,74,79,82,201,310,398,442,	Lead			10,388
	436,434	League			65,202
Java	3,15,19,98	Leather			340,430,448
Jehan, Shah	22,31	Legislation	287,238,289,308,311,314,316		320,321,322,324,329
Jews	14	American Shipping Subsidy			284,434
Jewels, makers of,—	1,352	Railway			398
Jezyeh	46	Tariff			283,319
Jourdain	43	Leige			408
Journals, Pucanas	32	Legists			25
Jowari	89	Levant			98
Junks	21,59,105,	Lines, White Star,—Feeder			403,412,413
Jute	109,141,291,292,313,350,438	Liquors			330,356,429,447
K		List, Friedrich			257,260
Kabul	28	Liverpool			408
Kafur, Malik	43	Livingstone			368
Kailabat	36	Loas,—British,—American			392
Kaiser	64	Loans, Policy of,—Takavi			372,434
Kalif	36	London			70,79,425,427
Kalikot	33,46,109	Lorry,			401,403
Kalipana	24,24				

Luxor	P.	5	Mirabolans	P.	36
Lycium		10	Moguls	14,28,34,38,39,43,47,80,378	
Lytton, Lord		266	Moloch		317
M					
Ma'bar		32,36	Mombasa		442
Macedonia		20	Monkey		368
Machinery	282,320,333,340,341,420,431,440		Monographs		23
Mackay, Sir J.		392	Monopoly, Price	290,292,293,313,330,422	
McKirdle		7,9,13	Montagu, Mr.		270
Madagascar		442	Moreland, Mr.	28,29,30,31,33,34,35,37,38	
Madras	43,109,234,235			39,40,41,43,44,47	
Mahanawi		43	Moslem		17
Magasthenes		12,19	Moscow		379
Mahomed of Gazney		17	Motor		440
Mahommed, Taghlak Emperor		30,34	Moulton, Harold G.		75,78
Mahomedan		23,30	Mozambique		442,443
Majnaja		442	Mukerjee, Dr. R. K.	2,15,18,23	
Malabar	4,28,33		Mules		107
Malabathrum		11	Multan		28
Malayan		15	Municipality		418,434
Maldives		97	Muniya		36
Malnad		35	Munro, Sir Thomas		49
Malthus		314	Muscab		442
Mandal		36	Musk		19
Mangalore		33,43	Muslims		11,50
Manchester	265,266,267,373,401,426		Muziris		11
Manu		20,25,26	Mutiny, Indian		53
Manufactures	12,168,313,325,330,339,349,375		Mythology, Zoroastrian		4
		365,430	N		
Manure		7	Nagpur, Chota		31
Mariners		7	Napoleon	50,64,378	
Marine—Carriage —National— Mercantile—			National Minimum		315
Indian	426,430,431,438,441,		Nationalism		256
	443,444,445,556		Nations	65,431	
Marshall, Dr.		63,295	Navy	6,412,434,435	
Masalia		2,11	Near East	249,291	
Mashas		26	Nearchus		18
Masuli		43	Negapatam		43
Mab		50	Nekas		46
Matches	352,429		Nelkunda (Nilkantha)		9
Material,—Raw	84,176,299,313,316,319,320,		Nelson		412
	325,335,361,364,373,374,425,447		Neleynda		11
Mauritius		97	Nepal	101,106	
Mauryas	2,13,14,16,18,19,27,370		Nepos		7
Maxims		383	Nerbudda		9
Mecca		28	Netherlands		382
Medicine	94,334,335,443,447		New Statesman		243
Meyer, Sir William		238,269	Nile	368,369	
Merchandise		396,427	Nizam		49
Merchants,		95	Nusiba		442
Mesopotamia		67,97,300	Nuts	104,106,107,342	
Metal	1,12,49,105,341,345		O		
Mettelus		7	Oarsman		2
Mewes		35	Obolesk		20
Middleton, Mr.		50	Ocean,		70
Milk		358	Odoric		33
Mill, J. S.	371,373,376		Office, War		73
Mills, Japanese		291	Oil, Kerosene	1,41,94,109,148,352,362,363,	
Mineral		12		419,421,422,425,430	
Minute		309	Ointments		10

Omana	p.	20	Posts	p.	72,246
Onyx		32,41,334	Prasad, Chandrika		387,388,391,395,394,395
Opium		19,38,41,430	Preamble		319
Ophir		4	Preference, Imperial		268,273,288,300,304,
Ores		94,144,447			305,306,307,309,310,313
Orientalist, German		4	President		324,326,327
Orissa		114	Prime Minister		296
Ormuz		43	Princes,		190
Orpiment		11	Principles, Socialistic		262
Oudh		235,362	Prints		354
Oxus		2	Product,		291
P					
Pada		24	Production,		180,251,252,260,278,279,284,
Padiyar		5			285,286,287,288
Padnea		11	Producer, Home		290
Paints		429	Proprietor		352,396
Palestine		97	Protection		290,292,297,305,312,316,318
Palmer,—Mr.		405	Provinces		60,114
Pallasimundu		11	Prussia		235
Pandyas		17	Publications		378
Paper		38,41,347	Pulp		426
Papua		97	Pulse		368
Pariah		314	Pumps		104,321,356,430,447
Paropanisus		10	Punjab		440
Parthian		2	Purana		3,35,47,114,235
Pasteboard		347,448	Putty		24
Peacock		4,14	Pyrards		35
Pearls,—False		11,12,16,18,22,41,45,92,339			13,37,40
Pearson, N. G. Dr.		296	Q		
Pensions		72	Quadrant		440
Pepper		4,11,41	Quinine		237
Periplus		5,7,9,19,34	R		
Persia		2,15,33,35,38,39,45,99,101	Race		368
Perfumery		353	Rahimtoola, Sir Ibrahim		270
Peshcush		46	Raider, Border		368
Peshwa		49	Railways		72,103,247,283,348,374,375,378,
Petersburg		379			379,380,381,384,386,387,388,389,391,392,
Petroleum		267,300			394,396,397,398,401,405,406,407,409,410,
Phœnicians		5			425,433,435
Piece-goods		109,349	Raja		89
Pishet, Ferukh Aksam		46	Rajputana		388
Plassey		49	Rajwarkh,		340
Plant, Railway		348,429,448	Ranade, Mr.		237
Pliny		6,18,46	Rangoon		110,236,442,443
Pole, North		7	Rashridin		36
Poleman		2	Rates		375,383,384,387,388,393,397,441
Pollard		430	Rebates, Deferred System		219,262,414,
Policy Economic					
Fiscal		96,264,288,304,317,318,401			416,417,432,432,434,436
Insurance		217	References,—Biblical		4,43
Preference		308,310	Reforms,—Montagu-Chelmsford		233,270
Protectionist		312	Regions		379
Retaliation		137	Regime, Ancien—Protectionist		295,316
Tariff		273	Relations		207
Ponies		107	Reserves,Gold Standard,—Paper Currency		81,82
Porcelaine		15,41,45	Resin		93,447
Port,		37,92,101,102,110,321,328,399	Resources		182
Portuguese, Advent		30	Retrenchment		289
Post Office		379	Returns,—Increasing		383
			Revenue, Madras		49

Vinegar	P-	357	Whelpley	P-	68
Vindhya,—Range		9,38	Wilford		5
Vizagapatam		238	Wilson, Mr.		264,271
Von, Prince Bulow		374	Wines		10,41,50,357
Von, Prof. E. Halle		77	Wire		344
	W		Wolfe, Mr.		225
War		68,69,79,295	Wood		18,36,41,94,335,364
Warehouses, bonded		321	Wool		36,57,105
Wassaf		36	Wrapper, Cigarette		107
Watches		336		X	
Wattal, P. K. Mr.		314	Xerxes		16
Wax		363		Y	
Way		369,406,407,408	Yokohama		425
Weapons		12	Yangtse		396
Weavers		2	Yarn		34
West		29,41,49,92,95		Z	
Westland, Mr.		267,272	Zanzibar		442,394
Wejeh, Keryeh		4	Zinc		433
Wheat		11,89,283,326	Zollverein of Asia		201,202,250
Wheeler		30,33,38,41			