Contents

List of Tables	xiii
List of Figures and Exhibits	xv
List of Abbreviations	xvii
Preface	xix
Acknowledgements	xxi
1. Introduction: The International Monetary System	1
2. Money in Economics of the Open Economy	6
2.1 Introduction: What is Money?	6
2.2 David Hume and the Quantity Theory of Money	8
2.3 Purchasing Power Parity Theory	11
2.4 The Monetarist Arithmetic	13
2.5 Balance of Payments Adjustment	14
2.6 The Absorption Model of the Balance of Trade	15
2.7 The Monetary Approach	16
2.8 Classical and Keynesian Models: A Comparison	17
2.9 Money in New Open Economy Models	18
2.10 Extension of OB-RO Model	19
2.11 The Steady State Again	20
2.12 Uncertainity and Stochastic Nature	20
2.13 Equilibrium Exchange Rate and Pass-through	21
2.14 More on Micro Structure of Exchange Rate	22
2.15 Stabilization Programme in Crisis Economies: Monetarist Approach and	
Polak Model	23
2.16 G-3 Exchange Rate Volatility	25
3. Money Growth, Inflation and Seigniorage	28
3.1 Introduction	28
3.2 Measurement of Seigniorage	31
3.3 Broader Definition of Seigniorage	31
3.4 Seigniorage and Exchange Rate	33
3.5 Dynamic Effects	33
3.6 Cost of Seigniorage	34
3.7 Conclusion	35
4. Multinational Corporations and Emerging Economies	37
4.1 Greenfield Investment and Merger and Acquisition: A Comparison	39
4.2 Technology Issue	40
4.3 Indian Case	41

viii + Contents

4.4	Market Structure and Competition	42
4.5	Sequential Market Entry: A Case Study of Sony Corporation in the	
	United States	43
5. Intern	ational Financial System: A Historical Evolution	
	The Gold Standard	45
5.2	The Demise of Classical Gold Standard	46
5.3	The Bretton Woods International Monetary System	47
5.4	Multilateral Payments Mechanism	49
5.5	Resources of IMF	49
5.6	The Structure of Organization	50
5.7	Historical Stages of the Bretton Woods Agreement: 1946-60	50
5.8	The Period 1960–67	51
5.9	The Liquidity Problem	52
5.10	Special Drawing Rights (SDR)	53
5.11	Market Price of Gold and Confidence Issues	54
5.12	Demonetization of Gold	55
5.13	Gresham's Law at International Level	55
5.14	Decline of the System	56
5.15	Post-Bretton Woods Era: Managed Floating Exchange Rate	57
5.16	The Second Amendment of IMF Article	57
5.17	Appreciation of USD	58
5.18	The Plaza Accord	58
5.19	International Capital Flows	59
5.20	The Financial Architecture	59
5.21	Exchange Rate Arrangements	60
5.22	The Tobin Tax Proposal on Capital Movement	61
5.23	The G-7 Study of World Monetary Reform	62
5.24	Stronger Financial Regulation	62
5.25	Strong Macroeconomic Policy	63
5.26	Crisis Prevention and Crisis Management	63
5.27	Formation of a New Group: G-20	64
5.28	New Initiative of IMF and the Poor	64
5.29	The New International Financial Architecture	64
5.30	A New International Economic Order	65
5.31	European Union and Euro	66
5.32	European Union as Optimum Currency Area	67
5.33	Euro and a Historical Introspection	68
6. Recen	t Changes in the International Financial Structure	72
6.1	Introduction	72
6.2	The Role of International Monetary Fund	73
6.3	Creation of New Arrangement to Borrow	74

	Conten	ts	*	ix	
6.4	Special Drawing Rights (SDR) Allocation			74	
	Role of the USD			77	
6.6	Global Macroeconomic Imbalances			79	
	Financial Markets in Emerging Economies			80	
	Conclusion			80	
7. Nation	nal Government and Sovereign Currency			82	
7.1	Introduction			82	
7.2	The Gold Standard Implications			84	
7.3	Competing Currencies: Competition among Governments			85	
7.4	Some Barriers to International Competition in Money			86	
7.5	A Market Approach to Currency Provision			87	
7.6	Indian Rupee in a Controlled Regime: An Empirical Approach in Historic	al			
	Perspective			87	
	The Arrangement of Currencies — New Method of Reserve Bank of India	ì		88	
	Indian Rupee in Historical Perspective			88	
	Emergence of Dual Rates			90	
	International Transactions			90	
	Price Level and Exchange Rate in India			91	
	Real Exchange Rate			93	
	Exact Exchange Rate			93	
	Exchange Rate of Indian Rupee and Current Account			96	
	Empirical Estimation			97	
	Black-Market Premium and Price Ratio			98	
	Currency Basket and Indian Rupee: The SDR Approach			98	
	Choice between a Peg and a Currency Basket			99	
	The System of Currency Basket			99	
7.20	Official and Black Market Exchange Rate of Rupee: A Time Series			^.	
~ ~ .	Study			01	
	Black Market Exchange Rate of Indian Rupee: An Empirical Exercise			02	
	Relative Price Movement and Black Market Exchange Rate			03	
	ational Banking System and Global Money Flows			.04	
	Introduction			04	
	Role of Banks: Intermediation and Interest-Rate Expectations			05	
	International Banking Operations			05	
	Determinants of International Banking Activity			06	
	Offshore Banking and Tax-Haven Centres			07	
	Why Offshore Finance Centre a Preferred Destination			80	
	Panama: An Offshore Centre The Jole of Many Offshore Financial Centre			09	
	The Fined Coefficient Model of the Parking System			09	
	The Fixed Coefficient Model of the Banking System The Fixed coefficient Model of the Banking System			10	
8.10	The Eurodollar System		I	11	

x + Contents

8.11	Capital Inflows and Financial Opening	112
8.12	Asian and Latin American Experiences of 1990s	112
8.13	Dollarization	113
8.14	Currency Board and Dollarization: A Comparison	115
8.15	Dollarization and Function of Money	116
8.16	Dollar Deposits in Foreign Banks	116
8.17	Seigniorage and Dollarization: Multiple Equilibrium Points	116
8.18	Cost of Complete Dollarization	118
8.19	Dollarization in Latin America	119
8.20	Corruption and Open Economy Implications: The Developing Country	
	Perspective	119
8.21	International Gold Market Connections	121
9. Excha	nge Rate and Foreign Exchange Market	130
9.1	The Players	130
	Trading Location	132
9.3	Favorite Currencies	133
9.4	Quotations in Foreign Exchange Transactions	134
	Direct and Indirect Quote	134
9.6	Direction in the Market	134
9.7	Inter-Banking	135
	Foreign Exchange Account	135
9.9	Reimbursement Claim Solution (RCS)	135
	Export and Import Transactions	136
9.11	Marshall-Lerner Conditions	137
9.12	The J-Curve	138
9.13	Contractionary Devaluation	139
9.14	Forward Speculation	139
9.15	Market Efficiency	140
9.16	Hedging and Interest Arbitrage	140
9.17	Covered Interest Parity and Forward Premium	140
9.18	Measuring Capital Mobility	142
9.19	The Real Exchange Rate	143
	Monetary and Fiscal Policy in Open Economies	144
9.21	Mundell-Fleming Model of Fixed Exchange Rates	145
l0. Moder	n Theory of Exchange Rate Determination and International Parity	
Relation	•	149
10.1	Introduction	149
10.2	Determination of Exchange Rate	150
10.3	Gold Standard: A Brief History	150
10.4	Models of Exchange Rate Determination	152
10.5	PPP and Real Interest Parity	154

		Contents	*	χi
10.6	Monetary Approach to Exchange Rate		1	54
10.7	Overshooting Exchange Rate		1	55
10.8	Dornbusch Model of Flexible Exchange Rates		1	56
10.9	The Portfolio-Balance Approach		1	58
10.10	News and Volatility in the Exchange Rate		1	59
10.11	The Foreign Exchange Market		1	61
10.12	Currency Substitution and Exchange Rate		1	61
10.13	Disequilibrium Models		1	62
10.14	Exchange Rate Systems and Policy		1	63
10.15	Rigidly Fixed Exchange Rate		1	63
10.16	Currency Boards		1	64
10.17	Currency Union		1	64
10.18	Pegged Exchange Rate		1	64
10.19	Managed Exchange Rates		1	65
10.20	Freely Floating Exchange Rate		1	66
10.21	Multiple Exchange Rates		1	66
10.22	The Relative Merits of Different Exchange Rate Regimes		1	66
	ational Transmission of Interest Rates and Monetary Independence		1	169
11.1	Introduction		1	69
	Exchange Rate		1	70
11.3	Financial Integration and Capital Mobility		1	71
	The Policy Trilemma		1	72
	USD as International Currency			72
-	l Mobility, Currency Crisis and Problems of Contagion		1	76
	Introduction			76
	The Crisis		1	76
	Currency Crisis			177
	First-Generation Models			77
	Second-Generation Models			78
	Third-Generation Models			78
	Contagion: The Definition			79
	Washington Consensus			80
	Evolution of Washington Consensus			81
	Globalization			82
_	n Direct Investment in India and Emerging Economies			185
	Introduction			185
	Objective			186
	Approach towards FDI in India		1	187
	Role of Infrastructure			187
	Hypothesis of the Study as Pursued in this Chapter		1	188
13.6	Data and Methodology		1	188

xii + Contents

13.7 FDI: A Model in the Making	188
13.8 Empirical Exercise	189
13.9 Technology Transfer, Capital Formation and International Trade	191
13.10 Inter-Industry Variation in FDI	192
13.11 Indian Economy and Foreign Capital	192
13.12 Foreign Direct Investment and Emerging Economy Perspective	193
13.13 Technology: Policy and Reality	193
13.14 FDI: A Segmented Analysis	193
13.15 Sector-Wise Inflow	194
13.16 Nature of FDI Inflow	194
13.17 Infrastructure and FDI Inflow	197
13.18 A Quantitative Exercise to Ascertain the Role of Infrastructure	200
13.19 Conclusion	202
14. International Reserve and Liquidity	215
14.1 Introduction	215
14.2 Review of Literature	217
14.3 Adequacy of and Demand for Reserve	219
14.4 Reasons for Holding Reserve	221
14.5 Monetarist Controversies and Reserve: A Macro World View	222
14.6 Theory, Model and Estimation	223
14.7 Conclusion	230
15. Optimum Currency Area, European Union and the Euro	232
15.1 Introduction	232
15.2 The British Problem	233
15.3 Maastricht Treaty, 1992	233
15.4 The European Union	235
15.5 Euro as the Single Currency of the European Union	236
15.6 Euro vis-à-vis USD	238
15.7 Conclusion	239
Select Bibliography	241
About the Author	257
Index	259