# C Jeevanandam

# FOREIGN EXCHANGE PRACTICE, CONCEPTS AND CONTROL

# **SULTAN CHAND & SONS**

### FOREIGN EXCHANGE PRACTICE, CONCEPTS & CONTROL

To SACHIN

To whose sacrifices I owe what I am today

# FOREIGN EXCHANGE PRACTICE, CONCEPTS & CONTROL

### (Including International Financial Management)

**C. JEEVANANDAM** 

Former Faculty Member, Indian Bank Staff College, Chennai Former Professor of Finance, PSG Institute of Management, Coimbatore

Seventeenth Edition, 2020



SULTAN CHAND AND SONS New Delhi

#### **SULTAN CHAND & SONS**

23, Daryaganj, New Delhi-110002 Tel.: 23266105, 23277843, 23247051, 23243183, 23281876 E-mail: sultanchand74@yahoo.com; info@sultanchandandsons.com Website: www.sultanchandandsons.com

First Edition: 1986

Seventeenth Edition: 2020

#### ISBN: 978-93-5161-159-2 (TC-404)

Price: ₹ 560.00

#### EVERY GENUINE COPY OF THIS BOOK HAS A HOLOGRAM



In our endeavour to protect you against counterfeit/fake books, we have pasted a copper hologram over the cover of this book. The hologram displays the full visual image, unique 3D multi-level, multi-colour effects of our logo from different angles when tilted or properly illuminated under a single light source, such as 3D depth effect, kinetic effect, pearl effect, gradient effect, trailing effect, emboss effect, glitter effect, randomly sparking tiny dots, micro text, laser numbering, etc. *A fake hologram does not display all these effects.* 

A fake hologram does not display all these effects. Always ask the bookseller to put his stamp on the first page of this book.

**All Rights Reserved:** No part of this book, including its style and presentation, can be reproduced, stored in a retrieval system, or transmitted in any form or by any means—electronic, mechanical, photocopying, recording or otherwise without the prior written consent of the publishers. Exclusive publication, promotion and distribution rights reserved with the Publishers.

**Warning:** An unauthorised act done in relation to a copyright work may result in both civil claim for damages and criminal prosecution.

**Special Note:** Photocopy or Xeroxing of educational books without the written permission of publishers is illegal and against Copyright Act. Buying and Selling of pirated books is a criminal offence. Publication of a key to this book is strictly prohibited.

**General:** While every effort has been made to present authentic information and avoid errors, the author and the publishers are not responsible for the consequences of any action taken on the basis of this book.

Limits of Liability/Disclaimer of Warranty: The publisher and the author make no representation or warranties with respect to the accuracy or completeness of the contents of this work and specifically disclaim all warranties, including without limitation warranties of fitness for a particular purpose. No warranty may be created or extended by sales or promotional materials. The advice and strategies contained therein may not be suitable for every situation. This work is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional services. If professional assistance is required, the services of a competent professional person should be sought. Neither the publishers nor the author shall be liable for damages arising herefrom.

**Disclaimer:** The publishers have taken all care to ensure highest standard of quality as regards typesetting, proofreading, accuracy of textual material, printing and binding. However, they accept no responsibility for any loss occasioned as a result of any misprint or mistake found in this publication.

Author's Acknowledgement : The writing of a Textbook always involves creation of a huge debt towards innumerable author and publications. We owe our gratitude to all of them. We acknowledge our indebtedness in extensive footnotes throughout the book. If, for any reason, any acknowledgement has been left out we beg to be excused. We assure to carry out correction in the subsequent edition, as and when it is known.

As the book enters its seventeenth edition, I wish to place on record my gratitude to the discerning readers who accorded warm reception to its earlier editions and encouraged me through words of appreciation.

The book continues the tradition of providing a blend of sound theoretical knowledge of foreign exchange economics with practical and procedural aspects of banks and other institutions connected with foreign exchange. Each topic is comprehensively dealt with, looking at it from every angle, *viz.*, the conceptual framework, exchange control regulations, rules of FEDAI and the International Chamber of Commerce, and procedures of banks. It presents in a cogent and understandable manner materials that lie scattered.

The book is designed to meet the requirements of post-graduate courses in commerce and economics and MBA for papers such as 'Foreign Exchange Risk', 'Foreign Exchange Management' and 'International Financial Management'.

While the whole book discusses to reign exchange by all concerned the last section concentrate on its management in an international on multinational firm.

Practical questions that appeared in professional courses of Chartered Accountants, Cost and Management Accountants and Chartered Secretaries and MBA courses have been included in appropriate chapters with full solutions. To encourage student to attempt on his/her own the solutions are provided after the set of questions and not after each question.

I wish to record my sincere thanks to:

- The readers for their continued patronage of my books;
- My friends in the banking and academic circles, discussions with whom have sharpened my understanding of the subject; and
- M/s Sultan Chand and Sons, who have been constant source of encouragement for me as an author.

I shall be grateful to receive constructive criticisms and suggestions from esteemed readers for further improvement of the text.

November 1, 2020.

**C. JEEVANANDAM** jeevanandamc@yahoo.co.in

Sectio	n A : Framework of Foreign Exchange	A.1 – A.10 1
	Introduction	A.1 – A.8
2.	Foreign Exchange Regulations	A.9 – A.22
	Balance of Payments	A.23 – A.52
	International Monetary Systems	A.53 – A.74
	Exchange Rate Determination	A.75 – A.86
	International Monetary Fund	A.87 – A.101
	n B: Foreign Exchange Markets and Deals	B.1 - B.154
	Foreign Exchange Market	B.1 – B.30
	Forward Exchange Deals	B.31 – B.59
0. 0	Merchant Rates — Ready	B.60 – B.76
10	Merchant Rates — Forward	B.77 – B.86
	Merchant Rates — Cross Currency	B.87 – B.300 B.87 – B.110
	Execution of Forward Contract	B.111 – B.136
	Exchange Management by Banks	B.137 – B. 154
	n C: Derivatives and Risk Management	C.1 – C.163
	Currency Derivatives	C.1 – C.6
	Currency Futures	C.7 – C.24
	Currency Options	C.25 – C.48
	Corporate Policy on Exposure and Risk	C.49 – C.57
	Transaction Exposure	C.58 – C.92
	Accounting Foreign Currency Transactions	C.93 – C.103
20.	Translation Exposure	C.104 – C.114
	Economic Exposure	C.115 – C.125
	Interest Rate Risk	C.126 – C.140
	Financial Swaps	C.141 – C.163
Sectio	n D: Foreign Trade Procedures and Documents	D.1 – D.106
	International Trade Procedures	D.1 – D.20
25.	Letter of Credit	D.21 – D.57
26.	International Trade Documents	D.58 – D91
27.	Bank Finance for Exports	D.92 – D.106
Sectio	n E: External Sources of Funds	E.1 – E.62
28.	Non-resident Deposits and Investments	E.1 – E.15
29.	International Financial Markets	E.16 – E.31
30.	Raising Debt Abroad	E.32 - E.43
31.	Raising Equity Abroad	E.44 - E.52
	International Financial Institutions	E.53 – E.62
Sectio	n F: International Financial Management	<b>F.1</b> – <b>F.116</b>
33.	Spectrum of International Financial Management	F.1 – F.5
34.	Country Risk Analysis	F.6 – F.21
35.	Foreign Direct Investment	F.22 – F.34
	International Portfolio Investment	F.35 – F.46
37.	International Capital Budgeting	F.47 – F.69
	Capital Structure and Cost of Capital	F.70 - F.82
	Working Capital Management	F.83 - F.102
	Funds Positioning and Tax Management	F.103 – F.116

### Contents

#### Section A — Framework of Foreign Exchange

\_

1.	Introduction	A.1 – A.8
	Foreign Exchange Defined	A.2
	Foreign Exchange as Conversion Mechanism	A.2
	Exchange Rate	A.2
	Foreign Exchange as Stock	A.2
	Banks as Dealers in Foreign Exchange	A.3
	Service to Business Entities	A.3
	Correspondent Banking Arrangement	A.5
	Services Under Correspondent Relationship	A.5
	Account Relationship	A.6
	Foreign Currency Accounts	A.6
	Nostro Account	A.6
	Vostro Account	A.7
	Loro Account	A.7
	Chapter Review	A.7
	Summary	A.7
	Key Terms	A.8
	Quiz	A.8
	Questions	A.8
2.	Foreign Exchange Regulations	A.9 – A.22
	Objectives of Exchange Control	A.10
	History of Exchange Control in India	A.11
	Foreign Exchange Management Act, 1999	A.12
	Administrative Set-Up	A.12
	Authorised Persons	A.13
	Authorised Dealers	A.14
	Authorised Money Changers	A.15
	Foreign Exchange Dealers' Association of India (FEDAI)	A.15
	Current Account and Capital Account Transctions	A.15
	Current Account Transactions	A.16

	Capital Account Transactions	A.16
	Residential Status	A.17
	Residents	A.17
	Implications	A.18
	Non-residents	A.18
	Persons of Indian Origin	A.18
	Compliance with Provisions	A.18
	Penalties	A.18
	Enforcement of the Orders of Adjudicating Authority [Sec. 14]	A.19
	Appeals [Sec. 17]	A.19
	Appellate Tribunal [Sec. 19]	A.20
	Chapter Review	A.20
	Summary	A.20
	Key Terms	A.21
	Quiz	A.21
	Questions	A.22
	Internet Exercise	A.22
3.	Balance of Payments	A.23 – A.52
	Balance of Payments Defined	A.24
	Balance of Payments Accounting	A.24
	Current Account	A.28
	Merchandise Trade	A.28
	Invisibles	A.28
	Balance on Current Account	A.29
	Capital Account	A.29
	Balance on Capital Account	A.30
	Overall Balance Basic Balance	A.30
	Errors and Omissions	A.30 A.30
	Monetary Movements	A.30
	Disequilibrium in Balance of Payments	A.31
	Meaning of Disequilibrium	A.31
	Significance of Disequilibrium	A.32
	Imbalance in Current Account	A.32
	Imbalance in Capital Account	A.32
	Imbalance in Overall Balance of Payments	A.33
	Correction of Disequilibrium in Balance of Payments	A.33
	Devaluation	A.34
	Elasticity Approach	A.35
	Absorption Approach	A.35
	Monetary Approach	A.36
	Deflation	A.37
	Exchange Control	A.37
	Exchange Restriction	A.37

	Exchange Intervention	A.38
	Exchange Clearing Arrangement	A.39
	Trade Control	A.40
	Import Control	A.40
	Export Promotion	A.40
	Chapter Review	A.40
	Summary	A.40
	Key Terms	A.41
	Quiz	A.41
	Questions Dechlares for Decetion	A.43
	Problems for Practice Solutions to Problems	A.44 A.47
4.	International Monetary Systems	A.53– A.74
	Fixed Exchange Rate system	A.54
	Bimetallism	A.54
	Gold Standard	A.54 A.54
	Gold Currency Standard Gold Bullion Standard	A.54 A.56
	Gold Exchange Standard	A.56
	Fixed Exchange Rates under Paper Currency	A.57
	Fixed Rates and Currency Crises	A.58
	Floating Exchange Rates	A.59
	Flow Model of Exchange Rate	A.59
	Depreciation Vs Devaluation	A.61
	Evaluation of Exchange Rate Systems	A.61
	Case for Fixed Rates	A.61
	Case for Floating Rates	A.63
	Exchange Rate Systems Under IMF	A.64
	Original Scheme under IMF	A.64
	Working of the System	A.64
	Collapse of the System	A.65
	Abolition of Gold and Emergence of SDR	A.65
	Second Amendment to IMF Articles	A.65
	Current Exchange Rate Regimes	A.66
	European Union External Value of Rupee	A.68 A.69
	*	A.70
	Convertibility of Rupee Current Account Convertibility	A.70 A.71
	Capital Account Convertibility	A.71 A.71
	Chapter Review	A.71
	Summary	A.71 A.71
	Key Terms	A.72
	Quiz	A.72
	Questions	A.73

5	Exchange Rate Determination	A.75 – A.86
	Factors Determining Exchange Rates	A.76
	Purchasing Power Parity Theory	A.79
	Absolute Version of PPP	A.79
	Relative Version of PPP	A.80
	Nominal and Real Exchange Rate	A.81
	Deviations from PPP	A.83
	Chapter Review	A.84
	Summary	A.84
	Key Terms	A.84
	Quiz	A.84
	Questions	A.85
	Problems for Practice	A.85
	Internet Exercise	A.86
	Solutions to Problems	A.86
6.	International Monetary Fund	A.87 – A.101
	Organisation and Functions	A.88
	Objectives	A.88
	Functions	A.88
	Organisational Structure	A.89
	Financial Operations	A.90
	Resources	A.90
	Quotas	A.90 A.90
	Borrowings Lending	A.90 A.91
	Tranche Policies	A.91
	Loan Instruments	A.91
	Key Features of IMF Lending	A.94
	Special Drawing Rights	A.95
	Evolution of SDRs	A.95
	Nature of SDRs	A.95
	Allocation	A.96
	Valuation and Interest	A.96
	Utilisation	A.96
	Merits of SDRs	A.97
	Criticisms	A.98
	IMF and International Liquidity	A.98
	Chapter Review	A.99
	Summary	A.99
	Key Terms	A.100
	Quiz	A.100
	Questions	A.101

#### Section B— FOREIGN EXCHANGE MARKETS and DEALS

7.	Foreign Exchange Market	<b>B.1 – B.30</b>
	Features of Foreign Exchange Market	B.1
	Location	B.1
	Size of the Market	B.2
	24-Hours Market	B.2
	Efficiency	B.2
	Currencies Traded	B.3
	Participants	B.3
	Users of the Market	B.4
	Settlement of Transactions	B.5
	Transactions in Forex markets	B.6
	Types of Contracts	B.6
	Purchase and Sale Transactions	B.7
	Quotations in Interbank Markets	B.8
	Two-way Quotation	B.8
	Direct and Indirect Quotation	B.8
	Direct Quotation	B.9
	Indirect Quotation	B.9
	American and European Quotation	B.10
	Cross Rates	B.11
	Cross Rates under Two-way Quotation	B.12
	Generalised Formula for Cross Rates	B.13
	Interbank rates and arbitraging	B.14
	Quotations of Market Makers	B.14
	Cross Rates and Triangular Arbitrage	B.15
	Triangular Arbitrage with Transaction Cost	B.16
	Cross Currency Matrix	B.17
	Chapter Review	B.19
	Summary	B.19
	Key Terms	B.19
	Quiz	B.19
	Questions	B.21
	Problems for Practice	B.22
	Solutions to Problems	B.24
	Annexure: Currencies and their Abbreviations (ISO Code)	B.28
8.	Forward Exchange Deals	<b>B.31 – B.59</b>
	Forward Exchange Contract	B.31
	Features	B.31
	Forward Quotations	B.32
	Computation of Forward Rate	B.32
	Determination of Forward Margin	B.34

	Covered Interest Arbitrage Cash and Carry Arbitrage Forward Rates with Transaction Cost Forward Rate as Predictor of Spot Rate Forward Rates and Interest Rate Arbitrage Hedging with Forward Contracts Speculation Using Forward Contracts Interbank Forward Rates in India Forward Exchange Contracts in India Chapter Review	<ul> <li>B.35</li> <li>B.37</li> <li>B.37</li> <li>B.37</li> <li>B.38</li> <li>B.41</li> <li>B.42</li> <li>B.42</li> <li>B.42</li> <li>B.43</li> <li>B.43</li> <li>B.43</li> </ul>
	Summary Key Terms Quiz Questions Problems for Practice Solutions to Problems	B.43 B.44 B.44 B.45 B.46 B.51
9.	Merchant Rates — Ready	<b>B.60 – B.76</b>
	Merchant Transactions Purchase and Sale Transactions Exchange Quotations Calculation of Ready Rates Basis for Merchant Rates Exchange Margin Principal Types of Buying Rates 1. TT Buying Rate 2. Bill Buying Rate Principal Types of Selling Rates 1. TT Selling Rate 2. Bills Selling Rate Quoting Better/Best Rate Chapter Review Summary Key Terms Quiz Questions Problems for Practice Solutions to Problems	B.60 B.61 B.61 B.62 B.62 B.62 B.62 B.63 B.64 B.63 B.64 B.67 B.67 B.67 B.67 B.67 B.67 B.69 B.70 B.70 B.71 B.71 B.71 B.72 B.73 B.74
10.	Merchant Rates — Forward	<b>B.77 – B.86</b> B.78
	Fixed and Option Forward Contracts Calculation of Fixed Forward Rates Calculation Option Forward rates Chapter Review Summary	B.78 B.78 B.81 B.83 B.83

	Key Terms	B.84
	Quiz	B.84
	Questions	B.85
	Problems for Practice	B.85
	Solutions to Problems	B.86
11.	Merchant Rates — Cross Currency	<b>B.87 – B.110</b>
	Cross Rates with European Quote in International Market	B.88
	Ready Buying Rates	B.88
	Ready Selling Rates	B.91
	Forward Buying Rates	B.92
	Forward Selling Rates	B.96
	Cross Rates with American Quote in International Market	B.98
	Forward Buying Rates	B.100
	Forward Selling Rates	B.101
	Chapter Review	B.102
	Summary	B.102
	Quiz	B.102
	Questions	B.103
	Problems for Practice	B.103
	Solutions to Problems	B.107
12.	Execution of Forward Contract	B.111 – B.136
		D.111 - D.100
	Delivery of Forward Contract	B.112
	Delivery of Forward Contract Delivery on Due Date	
		B.112
	Delivery on Due Date	B.112 B.112
	Delivery on Due Date Early Delivery	B.112 B.112 B.113
	Delivery on Due Date Early Delivery Cancellation of Forward Contract	B.112 B.112 B.113 B.115
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date	B.112 B.112 B.113 B.113 B.115 B.115
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation	B.112 B.112 B.113 B.115 B.115 B.115 B.117
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.123
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request Roll-Over Forward Contract	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.123 B.125
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request Roll-Over Forward Contract Chapter Review	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.123 B.125 B.125
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request Roll-Over Forward Contract Chapter Review Summary	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.121 B.123 B.125 B.125
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request Roll-Over Forward Contract Chapter Review Summary Key Terms	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.123 B.125 B.125 B.125 B.125
	Delivery on Due Date Early Delivery Cancellation of Forward Contract Cancellation on Due Date Early Cancellation Extension of Forward Contract Extension on Due Date Early Extension Overdue Forward Contracts Automatic Cancellation Customer's Request Roll-Over Forward Contract Chapter Review Summary Key Terms Quiz	B.112 B.112 B.113 B.115 B.115 B.115 B.117 B.118 B.118 B.120 B.121 B.121 B.123 B.125 B.125 B.125 B.125 B.125

Contents | xiii

13.	Exchange Management by Banks	B.137 – B. 154
	Interbank Transactions	B.137
	Cover Deals	B.138
	Trading	B.139
	Swap Deals	B.139
	Swap and Deposit/Investment	B.140
	Dealing Position	B.143
	Exchange Position Cash Position	B.144 B.144
	Exchange and Cash Positions Compared	B.144 B.145
	Chapter Review	B.148
	Summary	B.148
	Key Terms	B.149
	Quiz	B.149
	Questions	B.150
	Problems for Practice	B.150
	Solutions to Problems	B.152
	Section C— DERIVATIVES and RISK MANAGEMENT	
14.	Currency Derivatives	C.1 – C.6
	Types of Derivatives	C.2
	Classification Based on Variables	C.3
	OTC Products and Exchange Traded Derivatives	C.3
	Nature of Instruments	C.4
	Derivatives available in India	C.4
	Chapter Review	C.5
	Summary	C.5
	Key Terms	C.6
	Quiz Questions	C.6 C.6
	-	
15.	Currency Futures	C.7 – C.24
	Currency Futures in International Markets	C.7
	Pricing of Futures	C.10
	Hedging with Futures	C.11
	Basis Risk	C.12
	Delta Hedging Cross Hedging	C.13 C.14
		C.14
	Comparison with Forward Advantages of Futures	C.14 C.15
	Disadvantages of Futures	C.15
	5	C.15 C.16
	Speculation with Futures Types of Speculative Trading	C.16 C.16
	Open Position Trading	C.16

	Time Spread Trading	C.17
	Inter-Currency Trading	C.18
	Currency Futures in India	C.19
	Salient Features	C.19
	Product	C.19
	Conditions	C.19
	Evaluation	C.20
	Chapter Review	C.20
	Summary	C.20
	Key Terms	C.21 C.21
	Quiz Questions	C.21 C.22
	Internet Exercise	C.22 C.23
	Problems for Practice	C.23
	Solution to Problems	C.23
10		
10.	Currency Options	C.25 – C.48
	Features of currency Option	C.26
	Parties	C.26
	Call and Put Options Premium	C.26 C.26
	Strike price	C.26
	Maturity	C.20 C.27
	Types of Options	C.27
	Over the Counter (OTC) Options	C.27
	Exchange Traded Options	C.27
	Exchange Traded Option on Spot	C.28
	Options on Futures	C.28
	Valuation of options	C.29
	Pay-off under Options	C.29
	Pay-off Status of Contracts	C.31
	Pricing of Options	C.32
	Factors Affecting Option Pricing	C.32
	Hedging with Options	C.33
	Hedging with Plain Vanilla Options	C.33
	Hedging with Exotic Options	C.34
	Barrier options	C.34
	Participating Forwards	C.34
	Range Forwards	C.35
	Ratio Range Forwards	C.36
	Chapter Review	C.36
	Summary	C.36
	Key Terms	C.37
	Quiz	C.37
	Questions	C.39

	Problems for Practice	C.40
	Solution to Problems	C.40
	Annexure: Option Pricing Model	C.41
	Pricing of put option	C.43 C.43
	Put-Call Parity	C.43 C.44
	Annexure II: Option Trading Strategies Single Option Trading	C.44 C.44
	Spreads	C.45
	Bull Spread	C.45
	Bear Spread	C.46
	Butterfly Spread	C.46
	Calendar Spread	C.47
	Diagonal Spread	C.47
	Combinations Straddles	C.47 C.47
	Strangles	C.47 C.48
17.	Corporate Policy on Exposure and Risk	C.49 – C.57
	Exchange Exposure and Exchange Risk	C.49
	Exchange Exposure	C.49
	Exchange Risk	C.50
	Difference Between Exposure and Risk	C.50
	Exchange Risk management Policy	C.50
	Identification and Extent of Exposure Permitted	C.51
	Types of Exposures	C.51
	Fixing of limits	C.52
	Objectives of Exchange Risk Management	C.52
	Hedging Policy and Strategy	C.52
	Should the firm hedge?	C.52
	Hedging strategy	C.53
	Organisational Structure	C.54
	Review and Evaluation	C.55
	Chapter Review	C.56
	Summary	C.56
	Key Terms	C.56
	Quiz	C.56
	Questions	C.57
18.	Transaction Exposure	C.58 – C.92
	Measuring Transaction Exposure	C.59
	Sources of Transaction Exposure	C.59
	Credit Purchase or Sale	C.59
	Borrowing and Lending	C.60

	Inter-subsidiary transactions	C.60
	Positions in currency derivatives	C.60
	Size of Transaction Exposure	C.60
	Managing Transaction Exposure	C.62
	External Hedge	C.63
	Forward Contract Hedge	C.63
	Money Market Hedge	C.63
	Hedging with Options	C.64
	Hedging with futures	C.65
	Choice of Hedging Instrument	C.65
	Analysis	C.67
	Internal Hedge	C.68
	Exposure netting	C.68
	Cross hedging	C.68
	Denomination in Local Currency	C.69
	Foreign Currency Accounts	C.69
	Leads and Lags	C.70
	Chapter Review	C.70
	Summary	C.70
	Key Terms	C.71
	Quiz	C.71
	Questions Problems for Practice	C.72 C.73
	Proniems for Practice	
	Solutions to Problems	C.82
19.		
19.	Solutions to Problems	C.82
19.	Solutions to Problems Accounting Foreign Currency Transactions	C.82 <b>C.93 – C.103</b> C.93 C.94
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97 C.97
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.95 C.96 C.97 C.97 C.98
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97 C.97 C.98 C.98
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Sale Forward Purchase	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss	C.82 C.93 - C.103 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss Entries on Settlement Date	C.82 <b>C.93 – C.103</b> C.93 C.94 C.94 C.95 C.96 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99 C.99 C.99
19.	Solutions to Problems Accounting Foreign Currency Transactions Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss Entries on Settlement Date Forward Contracts for Speculation	C.82 C.93 - C.103 C.94 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99 C.99
19.	Solutions to Problems  Accounting Foreign Currency Transactions  Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date  Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss Entries on Settlement Date Forward Contracts for Speculation Chapter Review	C.82 C.93 - C.103 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99 C.99
19.	Solutions to Problems  Accounting Foreign Currency Transactions  Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date  Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss Entries on Settlement Date  Forward Contracts for Speculation  Chapter Review Summary	C.82 C.93 - C.103 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99 C.99
19.	Solutions to Problems  Accounting Foreign Currency Transactions  Transactions at Spot Rates Method of Accounting Accounting on the Date of the Transaction Accounting on the Settlement Date  Transactions Covered by Forward Contracts Entries on Entering into Forward Contract Forward Sale Forward Purchase Entries on Balance Sheet Date Forward Sale Forward Purchase Net Effect on Profit and Loss Entries on Settlement Date Forward Contracts for Speculation Chapter Review	C.82 C.93 - C.103 C.93 C.94 C.94 C.95 C.96 C.97 C.97 C.97 C.98 C.98 C.98 C.98 C.99 C.99 C.99 C.99

20.	Translation Exposure	C.104 – C.114
20.	Translation Exposure Measuring Translation Exposure Methods of Translation Translation Exposure for Indian Companies Foreign Currency Loans Foreign Operations Conversion to Transaction Exposure Managing Translation Exposure Balance Sheet Hedge Exposure Netting Leading and Lagging Forward Contact Chapter Review Summary Key Terms	C.105 C.105 C.107 C.108 C.108 C.108 C.108 C.108 C.108 C.108 C.109 C.109 C.109 C.109 C.109 C.109 C.109 C.109 C.109 C.110
	Quiz Questions Problems for Practice Solutions to Problems	C.110 C.112 C.112 C.113
21.	Economic Exposure	C.115 – C.125
	Meaning and Effect of Economic Exposure Unexpected Changes in Exchange Rates Real Vs Nominal Exchange Rate Change Impact on Cash Flows Cash inflows Cash outflows Measuring Economic Exposure Managing Economic Exposure Marketing Strategies Market Selection Pricing Product decisions Product decisions Product decisions Product of Strategies Financial Strategies Chapter Review Summary Key Terms Quiz Questions Problem for Practice Solution to Problem	$\begin{array}{c} \text{C.115} \\ \text{C.116} \\ \text{C.116} \\ \text{C.116} \\ \text{C.116} \\ \text{C.117} \\ \text{C.117} \\ \text{C.118} \\ \text{C.120} \\ \text{C.121} \\ \text{C.122} \\ \text{C.122} \\ \text{C.122} \\ \text{C.122} \\ \text{C.122} \\ \text{C.123} \\ \text{C.123} \\ \text{C.124} \\ \text{C.125} \end{array}$
22.	Interest Rate Risk	C.126 – C.140
	The Concept of Interest Rate Risk	C.126

	Types of Interest Rate Risk	C.126
	Income Risk	C.127
	Capital Risk	C.127
	Asset and Liability Structure	C.127
	Basis Risk	C.128
	Gap Exposure	C.128
	Managing Interest Rate Risk	C.128
	Forward Rate Agreements	C.128
	Terminology	C.129
	Settlement under FRA	C.129
	Hedging with FRA	C.130
	Interest Rate Options	C.132
	Call and Put Options	C.132
	Interest Rate Call Option	C.132
	Interest Rate Put Option	C.133
	Caps, Floors and Collars	C.133
	Interest Rate Cap	C.133
	Interest Rate Floor	C.135
	Interest Rate Collar	C.135
	Chapter Review	C.136
	Summary	C.136
	Key Terms	C.137
	Quiz	C.137
	Questions	C.139
	Problem for Practice	C.139
	Solution to Problem	C.140
23.	Financial Swaps	C.141 – C.163
	Nature of Swaps	C.141
	Parallel Loans	C.142
	Interest rate swap	C.143
	Rationale of Interest Rate Swap	C.143
	Terminology of Interest Rate Swap	C.146
	Day Count Conventions	C.147
	Uses of Interest Rate Swap	C.149
	Currency swap	C.150
	Features of Currency Swap	C.150
	Cross Currency Interest Rate Swap	C.151
	Use of Currency Swap	C.151
	Variants of Swap Structure	C.152
	Chapter Review	C.154
	Summary	C.154
		C.156
	Key Terms	0.150
	Quiz Questions	C.156

Problems for Practice	C.158
Solutions to Problems	C.161

#### Section D — FOREIGN TRADE PROCEDURES and DOCUMENTS

24. International Trade Procedures	D.1 –D.20
Regulatory framework	D.2
Foreign Trade (Development and Regulation) Act	D.2
Foreign Exchange Management Act	D.2
Customs Act	D.2
Export Procedures	D.2
Getting Established as an Exporter	D.3
Entering into Export Contract	D.4
Execution of Export Order	D.6
Post Shipment Procedures	D.8
Methods of Payment	D.9
International Commercial Terms	D.11
Incoterms	D.11
General Obligations under All Rules	D.11
Rules for Carriage by any mode or modes of Transport	D.12
EXW—Ex Works (named place of delivery)	D.12
FCA—Free Carrier (named place of delivery)	D.12
CPT—Carriage paidto (named place of destination)	D.13
CIP—Carriage and Insurance Paidto (named place of	destination) D.13
DAT—Delivered at Terminal (named terminal at	D 10
port or place of destination)	D.13
DAP—Delivered at Place (named place of destination) DDP—Delivered Duty Paid (named place of destinatio	
Rules for Carriage by Sea and Inland Waterway Transpo	
FAS—Free Alongside Ship (named port of shipment)	D.14 D.14
FOB—Free on Board (named port of shipment)	D.15
CFR—Cost and Freight (named port of destination)	D.15
CIF—Cost, Insurance and Freight (named port of des	
Chapter Review	D.16
Summary	D.16
Key Terms	D.17
Quiz	D.18
Questions	D.19
Annexure: Comparison of Incoterms	D.20
25. Letter of Credit	<b>D.21 – D.57</b>
Mechanism of a Letter of Credit	D.22
Parties to a Credit	D.23
Evaluation of Letter of Credit	D.23

Advantages	D.23
Disadvantages/Limitations	D.24
Uniform Customs and Practice for Documentary Credits	D.25
Types of Letters of Credit	D.25
Payment, Acceptance and Negotiation Credits	D.26
Payment Credit	D.26
Negotiation Credit	D.26
Acceptance Credit	D.27
Deferred Payment Credit	D.27
Revocable and Irrevocable Credits	D.28
Revocable Credit	D.28
Irrevocable credit	D.29
Confirmed and Advised credit	D.29
Confirmed Credit	D.30
Advised or Unconfirmed Credit	D.31
With Recourse and Without Recourse Credits	D.31
Fixed and Revolving Credits	D.32
Transferable Credit	D.33
Back-to-Back Credit	D.34
Red Clause and Green Clause Credits	D.35
Standby or Guarantee Credit	D.36
Features of a Letter of Credit	D.36
Operative Instrument	D.36
Date Terms	D.38
Expiry Dates	D.38
Extension of Dates	D.39
Description of Period	D.39
Value and Quantity of Goods	D.40
Documents to be Tendered	D.40
Shipments Instructions to the Nominated Bank	D.41 D.42
Responsibilities and Liabilities of Parties	D.42
Applicant	D.42
Beneficiary	D.43
Advising Bank	D.43
Confirming Bank	D.43 D.44
Paying Bank	D.44 D.44
Accepting Bank Negotiating Bank	D.44 D.44
Issuing Bank	D.44 D.44
Reimbursing Bank	D.44 D.46
Disclaimer of Responsibility by Banks	D.46
Chapter review	D.47
Summary	D.47
Key Terms	D.50

	Quiz	D.50
	Questions	D.55
	Mini Cases	D.56
26.	International Trade Documents	D.58 – D.91
	Bill of Exchange	D.59
	Definition	D.59
	Types of Bills	D.59
	Invoices	D.62
	Commercial Invoice	D.63
	Provisions of UCP	D.63
	Variants of Commercial Invoice	D.63
	Consular Invoice	D.63
	Legalised/Visaed Invoice	D.63
	Certified Invoice	D.64
	Other invoices	D.64
	Proforma Invoice	D.64
	Certificate of Origin	D.66
	Preferential Certificates of Origin	D.66
	Non-Preferential Certificate of Origin	D.68
	Bill of lading	D.68
	Nature of Bill of Lading	D.68
	Types of Bill of Lading Other Types of Bill of Lading	D.69 D.72
		D.72 D.74
	Multimodal Transport Document Provisions of UCP	D.74 D.75
	Air Waybill	D.75 D.77
	Nature and Content of Air Waybill Requirements of UCP	D.77 D.77
	Role of IATA	D.77
	House Air Waybill	D.78
	Marine Cargo Insurance	D.78
	Need for Marine Insurance	D.78
	Nature of Marine Cargo Insurance	D.79
	Marine Losses	D.80
	Total Loss	D.81
	Partial Loss	D.81
	Risks Covered	D.82
	Risks Not Covered (Exclusions)	D.83
	Institute Cargo Clauses (Air)	D.83
	Types of Marine Cargo Policy	D.83
	Marine Policy under Letter of Credit	D.84
	Other Documents	D.86
	Packing List	D.86
	Weight Note or Certificate	D.86

	Quality or Inspection Certificate Phyto–Sanitary Certificate Analysis Certificate Health Certificates, etc. Blacklist Certificate Fumigation Certificate Provision of UCP	D.86 D.87 D.87 D.87 D.87 D.87 D.87 D.87 D.87
	Chapter Review Summary Key Terms Quiz	D.87 D.88 D.89
	Questions	D.90
27.	Bank Finance for Exports	D.92 – D.106
	Packing Credit Eligibility Type of Account Period of Loan and Interest	D.92 D.93 D.93 D.93 D.93
	Quantum of Advance Sources of Repayment Appraisal Conduct of Account	D.94 D.94 D.95 D.95
	Pre-shipment Credit in Foreign Currency	D.96
	Post shipment finance Discrepancies in Documents Purchase/Negotiation of Export Bill	D.96 D.97 D.97
	Post-shipment Credit in Foreign Currency Use of on-shore foreign currency funds Banks Raising Funds Abroad Exporters Arranging Funds Abroad	D.97 D.98 D.98 D.98
	Advance Against Bills Under Collection	D.98
	Export Credit Insurance Shipments Comprehensive Risks Policy Small Exporter's Policy	D.99 D.99 D.101
	Chapter Review Summary Key Terms Quiz Questions	D.101 D.101 D.102 D.103 D.104
	Mini Cases	D.105

#### Section E—EXTERNAL SOURCES OF FUNDS

28.	Non-resident	<b>Deposits and</b>	Investments	
-----	--------------	---------------------	-------------	--

E.1 - E.15

Non-Resident Deposit Accounts

	Exemptions	E.1
	Non-Resident (Ordinary) Account	E.2
	Non-Resident (External) Rupee Account	E.3
	Foreign Currency (Non-resident) Account (Banks)	E.4
	Resident Foreign Currency Accounts	E.5
	Exchange Earner's Foreign Currency Account	E.5
	Resident Foreign Currency Account	E.6
	Resident Foreign Currency (Domestic) Account	E.7
	Investments by Non-residents	E.8
	Prohibited Investments	E.8
	Foreign Direct Investment Scheme (FDI) Automatic route	E.8 E.8
	Approval route	E.10
	Conditions for FDI	E.10 E.10
	Chapter Review	E.11
	Summary	E.11
	Key Terms	E.12
	Quiz	E.12
	Questions	E.15
29.	International Financial Markets	E.16 – E.31
	Factors Favouring growth of the market	E.16
	Special Features of the market	E.17
	Eurocurrency Creation	E.18
	Segments of the Market	E.20
	Euro Credits	E.20
	Security	E.20
	Type of Facility	E.20
	Period	E.21
	Interest	E.21
	Currency	E.21
	Syndication of Loans Protection to Lending Banks	E.21 E.22
		E.22 E.22
	Eurocurrency Deposits Certificates of Deposit	E.22 E.23
	Euronotes	E.23 E.23
	Offshore Banking	E.24
	Participation of Indian Banks	E.24 E.25
	Offshore Banking Centre in India	E.26
	Recommendations of Sodhani Committee	E.27
	OBUs in SEZs	E.27
	Tax Havens	E.28
	Chapter Review	E.28
	Summary	E.28
	Key Terms	E.29

		Contents	Ι	XXV
			1	
	Quiz			E.29 E.30
	Questions			
30.	Raising Debt Abroad	E.32	; — 1	E.43
	Types of bonds		]	E.33
	Domestic Bond			E.33
	Foreign Bond			E.33
	Euro bond			E.33
	Global Bond			E.34
	Types of Euro bonds			E.34
	Straight or Fixed Rate Bonds			E.34
	Convertible Bonds			E.35
	Dual Currency Bonds			E.35
	Floating Rate Notes (FRNs)			E.36
	Bond Issue Process			E.36
	Selection of Lead Manager			E.36
	Finalisation of Financing Proposal			E.36
	Launching of Bond Issue			E.37
	Gray Market Offer of Issue			E.37 E.37
	Stabilisation Period			E.37 E.37
	Closure of Issue			E.37
	Form of Bond			E.38
	Raising Funds Abroad by Indian Firms			E.38
	External Commercial Borrowings			E.38
	Foreign Currency Exchangeable Bonds			E.40
	Chapter Review		1	E.41
	Summary		]	E.41
	Key Terms		]	E.42
	Quiz		J	E.42
	Questions		]	E.43
31.	Raising Equity Abroad	E.44	J	E.52
	Depository Receipts		]	E.44
	Types of Depository Receipts		]	E.46
	Sponsored ADRs		F	E.46
	Unsponsored ADRs		F	E.47
	Regulations for Indian Companies Issuing Depository Receipt	s	]	E.47
	Indian depository receipts		]	E.49
	Chapter Review		]	E.50
	Summary		]	E.50
	Key Terms		J	E.51
	Quiz		]	E.51
	Questions		J	E.52

32.	International Financial Institutions	E.53 – E.62
	International Finance Corporation	E.53
	Financial Products	E.54
	Portfolio Investment	E.56
	Technical Assistance	E.56
	International Development Association	E.56
	Lending	E.57
	Allocation of Resources	E.57
	Features of Lending	E.58
	Asian Development Bank	E.58
	Functions	E.58
	Financial Resources	E.59
	Financial Products	E.59
	Facilities out of Ordinary Capital Resources	E.59
	Facilities out of Special Funds	E.60
	Chapter Review	E.61
	Summary	E.61
	Key Terms	E.62
	Questions	E.62

#### SECTION: F — INTERNATIONAL FINANCIAL MANAGEMENT

33.	Spectrum of International Financial Managements	F.1 – F.5
	International Finance Differentiated	F.2
	Scope of International Financial Management	F.2
	Functions of Finance Manager in an International Firm	F.3
	Chapter Review	F.5
	Summary	F.5
	Questions	F.5
34.	Country Risk Analysis	<b>F.6 – F.21</b>
	Political risk	F.7
	Relations between Government and Business	F.7
	Political Stability	F.7
	Types of Political Risk	F.7
	Ownership risk	F.8
	Operating Risk	F.8
	Transfer risk	F.10
	Managing Political Risk	F.10
	Economic Risk	F.10
	Economic System	F.10
	Stage of Economic Development	F.11
	Macro Economic Indicators	F.11
	Economic Growth Rate	F.11

	Human Resource Inflation Balance of Payments Public Debt Fiscal and Monetary Policies Fiscal Policy Monetary Policy Country Risk Assessment	F.11 F.13 F.13 F.14 F.14 F.14 F.14 F.15 F.15
	Contents of Country Report	F.16
	Reports by Rating Agencies	F.17
	Business Environment Risk Intelligence	F.17
	International Country Risk Guide	F.18
	Chapter Review	F.18
	Summary Key Terms	F.18 F.19
	Quiz	F.19 F.19
	Questions	F.21
35.	Foreign Direct Investment	F.22 – F.34
	Progression to Foreign Direct Investment Exports Overseas Operations without Equity Investment Licensing Franchising Management Contract Turnkey Projects Foreign Direct Investment Joint Ventures Wholly Owned Subsidiaries Benefits of Foreign Direct Investment Regulations for FDI by Indian Firms Direct Investment Outside India Automatic Route Approval of the Reserve Bank of India Chapter Review Summary Key Terms Quiz Questions	F.22 F.23 F.23 F.24 F.25 F.25 F.26 F.27 F.27 F.27 F.27 F.28 F.29 F.29 F.29 F.30 F.30 F.30 F.31 F.32 F.32 F.33 F.33 F.33 F.34
36.	International Portfolio Investment	F.35 – F.46
	International Diversification of Investment	F.36
	Domestic Diversification	F.36
	International Diversification Exchange Rate Risk	F.36 F.37

	Benefits of International Diversification	F.37
	Reduced Risk	F.37
	Currency Appreciation	F.38
	Risks of International Diversification	F.38
	Currency Depreciation	F.38
	Country Risk	F.39
	Taxation	F.39
	Foreign Exchange Controls	F.40
	Capital Market Regulations	F.40
	Transaction Costs	F.40
	Familiarity with Foreign Markets	F.41
	Channels for International Portfolio Investment	F.41
	Purchase of Foreign Securities in Foreign Markets	F.41
	Purchase of Foreign Securities in the Domestic Market	F.42
	Equity-linked Eurobonds	F.42
	Purchase of Shares of Multinational Companies	F.42
	International Mutual Funds	F.42
	Regulations Governing Portfolio Investments	F.42
	Portfolio Investment Abroad by Residents	F.42
	Portfolio Investment in Indian Companies	F.43
	Investment by Foreign Institutional Investors (FII)	F.43
	Investments by Non Resident Indians (NRIS)	F.44
	Purchase of Other Securities of Indian Companies	F.44
	Chapter Review	F.45
	Summary	F.45
	Key Terms	F.45
	Quiz	F.45
	Questions	F.46
37.	International Capital Budgeting	F.47 – F.69
	Approaches to Evaluation of foreign Projects	F.47
	Evaluation from Project Perspective	F.48
	Computation of Cash Flows	F.48
	Initial Investment	F.49
	Operating Cash Flows	F.49
	Terminal Value	F.50
	Financial Cash Flows	F.50
	Economic Cost of Resources	F.50
	Evaluation	F.50
	Net Present Value Method	F.50
	Evaluation from Parent Perspective	F.52
	Currency of Evaluation	F.52
	-	F.53
	Exchange Rate Changes Inflation	F.53 F.53
	Incremental Cash Flows to the Parent	F.53
	Financing Arrangement	F.55

	Factors Affecting Remittance of Funds	F.55
	Adjusted Present Value Method	F.56
	Risk Evaluation Risk Adjusted Discount Rate	F.60 F.61
	Risk Adjusted Payback Period	F.61
	Certainty Equivalent Method	F.61
	Sensitivity Analysis	F.62
	Simulation	F.62
	Chapter Review	F.63
	Summary Key Terms	F.63 F.63
	Quiz	F.63
	Questions	F.64
	Problems for Practice	F.64
	Solutions to Problems	F.66
38.	Capital Structure and Cost of Capital	<b>F.70 – F.82</b>
	Factors Affecting Cost of Capital	F.71
	Cost of Capital of the Firm	F.71
	Cost of Equity Capital	F.71
	Gordon's Growth Model Capital Asset Pricing Model	F.71 F.72
	Cost of Retained Earnings	F.72 F.72
	Retained Earnings at Subsidiary	F.73
	Cost of Debt	F.73
	Domestic Debt	F.73
	Cost of Foreign Debt	F.74
	Weighted Average Cost of Capital	F.76
	Capital Structure of Foreign Subsidiaries	F.77
	Cost of Capital of the Subsidiary Chapter Review	F.78 F.78
	Summary	F.78 F.78
	Key Terms	F.79
	Quiz	F.79
	Questions	F.80
	Problems for Practice	F.80
	Solutions to Problems	F.81
39.	Working Capital Management	F.83 – F.102
	International Cash Management	F.84
	Centralisation of Cash Management	F.84 F.84
	Netting Leading and Lagging	F.86
	Intrafirm Loans	F.86
	Internal Banks	F.86

	Investing Surplus Cash	F.86
	International Receivables Management	F.87
	Currency of Debt	F.87
	Credit Terms	F.87
	International Inventory Management	F.88
	International Factoring	F.88
	Maturity Factoring Facility of ECGC	F.89
	Forfaiting	F.89
	Modus operandi	F.89
	Forfaiting by Exim Bank	F.90
	Chapter Review	F.92
	Summary	F.92
	Key Terms	F.92
	Quiz	F.92
	Questions	F.93
	Problems for Practice	F.93
	Solutions to Problems	F.97
<b>40</b> .	Funds Positioning and Tax Management	F.103 – F.116
	Intra–Firm Movement of Funds	F.103
	Dividends	F.104
	Other Remittances	F.104
	Reinvoicing Centres	F.105
	International Taxation	F.106
	Double Taxation Relief	F.107
	Bilateral Relief	F.107
	Unilateral Relief	F.107
	Taxation of International Transactions	F.108
	Transfer Pricing	F.108
	Effects of Transfer Pricing	F.108
	Funds Placement	F.108
	Tax Effect	F.109
	Tariff Effect	F.110 F.111
	Exchange Control Methods of Determining Transfer Price	F.111 F.111
	Transfer Pricing Regulations in India	F.112
	Chapter Review	F.112
	Summary	F.113
	Key Terms	F.113
	Questions	F.114
	Problems for Practice	F.115
	Solutions to Problems	F.115

# Feedback Prize Contest

We propose to mail to our usades a 'Supplement' relevant to the subject-matter of this book or 'A Word about Your Corour' or 'Pauris of Wisdom' or 'Sacrats of Success' on receipt of your 'Feedback'. For they, you can win a prize too!! For this purpose, please fill this coupon and send it along with your 'Feedback' to us at M/s Sultan Chund & Sun, 23, Daryaganj, New Delhi-110 002, at an early date. To avoid duplication, please inform what you had received earlier. This is without obligation.

How did you came to know of this book : Recommended by your Teacher/Friend/Booleeller/
Advertisement
Date of Parchase
Year/Edition of the book parchased by you
Month and Year of your next examination
Name and Address of the Sopplier
Name of the Teacher who recommended you this book
Name and Address of your Institution
Your Name
Your Residential Address
Course for which you are studying
Course me which you are sharying
Please enclose latest Syllabor/Question Paper
الاسر المسلم في المسلم ا
Yan bought this book because

Feedback

Now You Can Win a Prize Too!!

#### Dear Reader

Reg. Foreign Exchange Practice, Concepts & Control by C. Jeevanandam

Has it occurred to you that you can do to the students/the fotore readers a favour by sending your suggestions/comments to improve the book? In addition, a surprise gift awaits you if you are kind enough to let us have your frank assessment, helpful comments/specific suggestions in detail about the book on a separate sheet as regards the following :

Which topics of your syllabor are inadequately or not discussed in the back from the point of view
of your examination?

------

2. Is there any factual incremary in the book? Please specify.

-----

 What is your assessment of this back as regards the presentation of the subject-matter, expression, precision and price in relation to other books available on this subject?

-----

- 4. Which competing books you regard as better than this? Please specify their authors and publishers.
  - 1. \_\_\_\_\_
  - 3.
- 5. Any other suggestion/comment you would like to make for the improvement of the book.

-----

Further, you can win a prize for the best criticism on presentation, contents or quality aspect of this book with useful suggestions for improvement. The prize will be sounded each much and will be in the form of our publications as desided by the Editorial Board.

Please fiel free to write to us if you have any problem, complaint or grievance regarding our publications or a bright idea to share. We work for you and your soccess and your Feedback are valuable to us.

Thanking you.

Yours faithfully, Suites Claud & Som

### **Salient Features**

- Provides a lucid blend of conceptual knowledge of foreign exchange economics with practical and procedural aspects of forex transactions.
- The intricacies of determining the exchange rate and pricing of foreign exchange derivatives are explained step-by-step with 87 numerical examples and further reinforced by 169 problems with their solutions.



- 399 multiple choice questions provide test of real understanding of the topics studied.
- All the discussions are viewed from the perspective of Indian business firms.
- Spread over 40 well organised chapters, the reader is carried comfortably through the set-up and functioning of foreign exchange markets, management of foreign exchange risk by business firms, foreign trade procedures, documents and external sources of funds available to banks, and business funds engaged in international business.
- The gamut of financial management in an international firm including funds positioning and tax management is elaborated in the last section.



**Prof C. Jeevanandam** has over 2 decades of experience in banking and over 2 decades of experience in teaching MBA students in finance subjects especially international finance. He has been an invited speaker in conferences and seminars on international finance and banking. He has organised many short-term training programmes for exporters.



#### Sultan Chand & Son Publishers of Standard Educational Textbooks

23 Daryaganj, New Delhi-110002 Phones: 23243183, 23247051, 23277843, 23281876, 23266105 Email: sultanchand74@yahoo.com, info@sultanchandandsons.com Fax: 011-23266357; Website: www.sultanchandandsons.com

