Contents

Pre	face a	nd acknowledgements	XV
Pa	rt A	ESSENTIAL BACKGROUND	
1	Intro	oduction	3
	1.1	What do bankers sell?	7
	1.2	The creation of Eurodollars	8
	1.3	Facts about the foreign exchange markets	11
	1.4	Summary	13
2	The	international monetary system	15
_	2.1	The gold standard	15
	2.1	The Great Depression	18
	2.3	Exchange rates: 1914 to 1944	19
	2.3	The Bretton Woods system	21
	2.5	The role of gold up to 1971	22
	2.6	The Second Amendment	24
	2.7	International reserves	2.5
	2.8	Exchange rate arrangements	26
	2.9		29
	2.10		29
	2.10		32
	2.11		3.
	2.12		3.
3	Cor	porate finance around the world	3
Ŭ		- A	3
	3.1	World equity markets World bond markets	4
	-	World boild marries	4.
	3.3	Corporate governance and corporate finance	4
		Corporate reporting around the world	4
	3.5	Different corporate tax systems	5
	3.6	Summary End of chapter questions	5
	37	FING OF CHARLET QUESTIONS	9

xv

7.16

End of chapter questions

Part B FOREIGN EXCHANGE Exchange rates: the basic equations 4.1 Foreign exchange markets 4.2 Some basic relationships 4.3 Interest rates and exchange rates 4.4 Purchasing power parity applied Big Mac purchasing power parity 4.5 4.6 Summary 4.7 End of chapter questions Foreign exchange markets 5.1 The players 5.2 Methods of quotation 5.3 Forward contracts and quotations 5.4 Spot settlement 5.5 Forward value dates 5.6 Main purpose of the forward market 5.7 Summary 5.8 End of chapter questions The balance of payments 61 The essence of international trade 6.2 The balance of payments and foreign exchange rates 6.3 Balance of payments accounting 6.4 Forecasting exchange rates and the balance of payments 6.5 Summary End of chapter questions 6.6 Theories and empiricism on exchange rate movements 7.1 Inflation and interest rate differentials 7.2 The balance of payments approach 7.3 The monetary approach 7.4 Overshooting - the Dornbusch model 7.5 The portfolio balance theory 7.6 The role of news 7.7 Chartism 7.8 The efficient markets hypothesis 7.9 Empiricism and purchasing power parity Empiricism and the Fisher effect 7.10 Empiricism and the international Fisher effect 7.11 Empiricism and interest rate parity 7.12 7.13 Empiricism and expectations theory 7.14 Empiricism and foreign exchange market efficiency 7.15 Summary

53

53

54

56

66

72.

72

75

76

76

77

79

82

82

83

84

85

86

86

87

91

95

96

97

98

99

99

102

104

106

108

109

115

116

122

122

124

125

126

131

134

Cor	itents		vii
8	Def	initions of foreign exchange risk	135
	8.1	Transaction exposure	136
	8.2	Translation exposure	136
	8.3	Economic exposure	141
	8.4	Summary	143
	8.5	End of chapter questions	144
9	Fina	ancial accounting and foreign exchange	145
	9.1	FASB 8	146
	9.2	FAS 52	147
	9.3	SSAP 20	152
	9.4	Derivatives	155
	9.5	FAS 133	155
	9.6	FRS 13	157
	9.7	IAS 39	158
	9.8	Summary	159
	9.9	End of chapter questions	160
	TEST	F BANK 1	161
	Exer	cises	161
	Muli	ciple choice questions	164
Pa	rt C	HEDGING	
10	Doe	s foreign exchange exposure matter?	169
	10.1	Transaction exposure	169
	10.2	Economic exposure	171
	10.3	Translation exposure	173
	10.4	Forecasting exchange rates	177
	10.5	Summary	178
	10.6	End of chapter questions	179
11	Prin	ciples of exposure management	180
	11.1	Why hedge anyway?	180
	11.2	What does exposure management aim to achieve?	180
	11.3	The arguments against corporate hedging	181
	11.4	The arguments for corporate hedging	185
	11.5	Information for exposure management	190
	11.6	What kind of foreign exchange exposure is significant?	191
	11.7	The transaction exposure information system	193
	11.8	Histogramming	195
	11.9		198
	11.10	To the second	198
	11.1		201

1	1.12 Macroeconomic exposure	201
1	1.13 Value at risk	201
1	1.14 Summary	207
1	1.15 End of chapter questions	210
40 la	Manual I. I. I.	
	ternal techniques of exposure management	212
	2.1 Netting	212
	2.2 Matching	215
1.	2.3 Leading and lagging	216
	2.4 Pricing policy	217
	2.5 Asset and liability management	221
14	2.6 Summary	222
12	2.7 End of chapter questions	223
13 E	cternal techniques of exposure management	224
13	.1 Forward markets	224
13	parpose of the forward market	225
	.3 Short-term borrowing	229
	Discounting foreign-currency-denominated bills receivable	231
13	.5 Factoring foreign-currency-denominated receivables	231
13	.6 Currency overdrafts	232
13	guarantees	233
13	miles party risk	233
13	/	234
13	10 End of chapter questions	236
	ST BANK 2	237
	ercises	237
Mι	ltiple choice questions	239
Part D	DERIVATIVES	
14 Sw	aps	245
14.		
14.		245
14.	sweeps	247
14.	4 Currency swaps	253
14		259
14.	Summary	264 267
14.3		268
15 Fin	ancial futures and foreign exchange	269
15.1		
15.2	Tatares in general	269
	· ····································	273

Conten	ts	ix
	5.3 Hedging a borrowing	274
15	5.4 Basis risk	274
15	.5 Use of currency futures market	273 276
	6.6 Summary	276 276
15	.7 End of chapter questions	277
16 O _l	ptions	278
16	.1 Call options	278
16		280
16	.3 Writing options	282
16	.4 Reading the Financial Times	283
	.5 Combinations of options	283
	6 Valuing options	286
16.	7 An option-pricing formula	290
16.	Transferre	299
16.	9 Summary	301
16.	10 End of chapter questions	301
17 Cu	rrency options	303
17.	1 How currency option markets work	303
17.	2 Currency option strategies	307
17.	3 Average rate option	309
17.4	garage a carrent, option	312
17.5	F F 6	316
17.6	Option pricing models for stocks and currencies: the empirical evidence	
17.7		320
17.8		324
17.9		329 330
8 Inte	rest rate risk	331
18.1	The term structure of interest rates	
18.2		331
18.3		335
18.4		338
18.5	Interest rate swaps	339 339
18.6		340
18.7		
18.8	End of chapter questions	341 343
Fina	ncial engineering	344
19.1	Forward contracts	
19.2		344
19.3	<u>.</u>	346
	AMERICAN HIGH MICHES	351

	19.4	Summary	350
	19.5	End of chapter questions	350
		·	2 = -
	-	BANK 3	35
	Exerc		35
	Multi	ple choice questions	358
Pa	rt E	INTERNATIONAL CAPITAL BUDGETING	
20	The i	internationalization process	36.
	20.1	Foreign direct investment	363
	20.2	The sequential process	363
	20.3	Market imperfections	368
	20.4	Transaction cost theory	374
	20.5	Internalization and firm-specific advantages	373
	20.6	Location-specific advantages	377
	20.7	The product life cycle	378
	20.8	The eclectic theory	383
	20.9	Globalization	386
	20.10	Game theory and international strategy	388
	20.11	The new trade theory	390
	20.12	Summary	392
	20.13	* *	393
	20.14		394
	20.15	Appendix 2: Outward stock of world foreign direct investment	395
21		ange controls and corporate tax in international	
	inves	stment	396
	21.1	Exchange controls	396
	21.2	Profits repatriation	398
	21.3	Circumventing profit repatriation restrictions	399
	21.4	Other techniques of unblocking funds	403
	21.5	International corporate taxation	403
	21.6	Taxation of UK multinationals	407
	21.7	Multicurrency management centres	408
	21.8	Co-ordination centres	409
	21.9	Foreign exchange rate strategy	4 11
	21.10	•	412
	21.11	End of chapter questions	413
22	The i	nternational capital budgeting framework	414
	22.1	The international complications	415
	22.2	*	420
	22.3	Foreign investment and the cost of capital	422

Contents			

Co	ntents		xi
	22.4	The basic model	422
	22.5	Empirical studies of international investment appraisal	424
	22.6	Summary	429
	22.7	End of chapter questions	430
23	The	international capital budgeting model	432
	23.1	International project appraisal	433
	23.2	Taxation	434
	23.3	Project evaluation with no exchange controls	436
	23.4	Growth opportunities - aka real operating options	440
	23.5	Valuing real operating options	442
	23.6	Project evaluation with exchange controls	446
	23.7	Debt-equity swaps	452
	23.8	Sensitivity analysis	453
	23.9	Summary	453
	23.10	End of chapter questions	456
24	Inter	national investment: what discount rate?	457
	24.1	The original US evidence	458
	24.2	The new international evidence	460
	24.3	Arithmetic or geometric mean?	461
	24.4	The equity premium puzzle	466
	24.5	Mean reversion	469
	24.6	The equity risk premium	471
	24.7	The international risk premium	472
	24.8	Gains from international diversification	475
	24.9	The international capital asset pricing model	476
	24.10	Emerging markets	478
	24.11	Summary	482
	24.12	End of chapter questions	482
25	Coun	try risk analysis and political risk	484
	25.1	Country risk analysis	484
	25.2	Sources of country risk	485
	25.3	Measuring country risk	486
	25.4	Political risk	489
	25.5	The measurement of political risk	489
	25.6	Managing political risk	493
	25.7	Post-expropriation policies	495
	25.8	Political risk analysis in international capital budgeting	497
	25.9	Summary	501
	25.10	End of chapter questions	502
6	intern	ational capital budgeting: the practicalities	503
	26.1	Net present value and adjusted present value	503
		Overseas project appraisal: Alpha NV	504
		<u> </u>	501

	26.3	Summary	512
	26.4	End of chapter questions	512
	TEST E	BANK 4	513
	Exercis	ees	513
	Multip	le choice questions	514
Pa	rt Fil	NTERNATIONAL FINANCING	
27	Intern	national debt instruments	519
	27.1	Short-term borrowing	521
	27.2	Medium-term borrowing	523
	27.3	Euromarkets	524
	27.4	Definitions of key Eurocurrency terms	525
	27.5	Eurodollar deposits and loans	526
	27.6	Historical underpinnings of the Eurocurrency market	528
	27.7	The players in the market	529
	27.8	Euromarket deposits and borrowings	531
	27.9	The Eurocredit market	531
	27.10	Loan syndication	531
	27.11	Securitization	535
	27.12	Eurocurrency interest rates and their linkage with	
		domestic rates	536
	27.13	The international bond market	539
	27.14	Disintermediation	546
	27.15	The advantages of the Eurobond market to borrowers	547
	27.16	The advantages of Eurobonds to investors	547
	27.17	Summary	548
	27.18	End of chapter questions	549
28	Finan	cing the multinational and its overseas subsidiaries	550
	28.1	The international financing choice	550
	28.2	Minimization of global taxes	551
	28.3	Managing risk	552
	28.4	Financial market distortions	553
	28.5	The multinational's capital structure	554
	28.6	Political risk	555
	28.7	Exchange control risk	556
	28.8	Currency risk	557
	28.9	Losses earned by subsidiaries	557
	28.10	Inter-company credit	558
	28.11	Taxation effects	558
	28.12		559
	28.13	Other methods of profit transfer	559

Cor	ntents		xiii
	28.14	1 , 0	559
	28.15	Partly owned subsidiaries	560
	28.16	1 ,	561
	28.17	1	564
	28.18	O O	566
	28.19		567
	28.20	7	568
		Foreign currency financing decisions	570
	28.22	•	573
	28.23	End of chapter questions	574
29	Cash	management	575
	29.1	Banking relationships	575
	29.2	Electronic banking	581
	29.3	Cash collection and disbursement	582
	29.4	Cash centres	584
	29.5	Short-term investments	585
	29.6	Summary	586
	29.7	End of chapter questions	586
10	Proje	ct finance	587
	30.1	Limited recourse finance	589
	30.2	Ownership structures	590
	30.3	Financing structures	591
	30.4	Loan structuring	599
	30.5	Resource risk	600
	30.6	Raw material and supplies risk	601
	30.7	Completion risk	601
	30.8	Operating risk	603
	30.9	Marketing risk	604
	30.10	Financial risk	605
	30.11	Political and regulatory risk	606
	30.12	Force majeure risk	606
	30.13	How does project finance create value?	606
	30.14	The financial analysis of investments with project financing	608
	30.15	Summary	611
	30.16	End of chapter questions	611
1	Finan	cing international trade and minimizing credit risk	612
	31.1	Cash with order	612
	31.2	Open account	614
	31.3	Documentation in foreign trade	615
	31.4	Bills of exchange	620
	31.5	Documentary letters of credit trading	623
	31.6	Government assistance schemes	626

31.7

Sources of export finance

	31.8	Forfaiting	630
	31.9	Countertrade	632
	31.10	Summary	632
	31.11	End of chapter questions	632
	31.12	Appendix: Some terms encountered in trade finance	633
Pa	rt G I	Miscellaneous	
32	Misce	llaneous issues in multinational finance	639
	32.1	Overseas subsidiary performance measurement	639
	32.2	Problems in overseas performance evaluation	640
	32.3	Treasury management performance	644
	32.4	Centralization of exposure management	645
	32.5	The treasury as a profit centre	64 7
	32.6	Authority and limits	647
	32.7	Foreign exchange dealing with banks	649
	32.8	Dealing room security	650
	32.9	Commercial paper	651
	32.10	Credit rating	653
	32.11	Transfer pricing	657
	32.12	Capital flight	658
		Corporate hedging policies	659
	32.14	•	671
	32.15	End of chapter questions	673
	TEST	BANK 5	674
	Exerci		674
	Multi	ple choice questions	675
		ested answers to end of chapter questions	679
		ested answers to selected exercises	696
		ons to multiple choice questions	708
		ndix 1 Present value of \$1	711
		ndix 2 Present value of \$1 received annually for <i>n</i> years	713
		ndix 3 Table of areas under the normal curve	715
	Appe	ndix 4 Black and Scholes value of call option expressed	
		as a percentage of the share price	716
	Appe	ndix 5 Present value of \$1 with a continuous discount	
		rate, <i>r</i> , for <i>T</i> periods. Values of e ^{-rt}	719
		ndix 6 SWIFT codes	723
	Gloss	-	729
		rences	753
	Index		772

628