



FINANCIAL MANAGEMENT MANAGEMENT Text, Problems and Cases



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MY Khan PK Jain



Preface to the First Edition

(cash flow) and its essential ingredients. This is followed in Chapter 6 by a detailed account of the capital budgeting evaluation techniques, traditional as well as time-adjusted or discounted cash flow. The incorporation of risk and uncertainty into the capital budgeting exercise is elaborated in Chapter 7. Chapter 8 attempts to develop the concept and measurement of cost of capital-the most controversial element in financial management. The last chapter of this part (Chapter 9) dwells on the Indian corporate practices pertaining to capital expenditure decision-making in both the public and private sectors.

The second important decision involved in financial management (financing decision) is covered in the three chapters of Part IV. The discussions in Chapter 10 pertaining to the two inter-related aspects, i.e. operating and financial leverage, set the framework for the capital structure decisions of a firm. The capital structure theories, reflecting the controversy in the financial literature regarding the theoretical relationship between capital structure, cost of capital and value of a firm are examined in Chapter 11. In the light of the conclusions of this chapter, the considerations having a bearing on the designing of an appropriate capital structure are highlighted in the next chapter (Chapter 12).

Part V of the volume is devoted to the relevant dimensions of dividend policy decision. The first aspect, viz, the controversy in the academic literature as regards the relevance of dividend policy to the value of the enterprise, is the subject matter of Chapter 13. It is against the background of this theoretical discussion that Chapter 14 dwells on the determinants of an appropriate dividend tone beautaness add at an analysing at Rearrangers searched to reaction with a single and and policy.

Finally, Part VI of the book focusses on the management of current assets, more popularly designated as working capital management. The first three chapters of this part between them provide an overview of working capital management and deal respectively with the theory of working capital management in terms of the basic strategies for efficient management of current assets and current liabilities (Chapter 15), the planning and determinants of working capital (Chapter 16) and the financing and control of working capital in India with particular reference to the report of the Tandon Committee (Chapter 17). The next three chapters look into the management of the individual components of current assets. While cash management is the theme of Chapter 18, the various dimensions of receivables management are explained in Chapter 19. The last chapter (Chapter 20) discusses the relevant aspects of inventory management. Dusting MU to

Detailed solutions of all the exercises included in each chapter of this book are provided in our book: Management Accounting and Financial Management—Problems and Solutions. In the preparation of this book we have received encouragement and support from various quarters. In particular we would like to thank Mr. H.C. Jain, Librarian of the University South Campus Library for the excellent library support he provided to us at short notice. Mr. Subhash Chander deserves our thanks for speedy and accurate typing of the final draft.

Finally, we would be failing in our duty if we do not acknowledge the deep debt of gratitude that we owe to the various authors whose writings have provided an insight into the intricacies of and saluted hearing which and the sentence of the second second of an another second the subject. Part II. Comments two chigheon is depoted to the foods of the foods in this to the foods of the light in Bhartchill much

will show and likes the exercise of shows in through the sources in through the addition through the

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Preface to the Seventh Edition Preface to the First Edition Visual Walkthrough

4.1-1.23

Contents Astallerskie Principal Interaction 3.288 Support the 330 zambérnő hmillél * 23 Marki E. 160001 [Nalk Net let Ottes Harry Valuation of Souds and Junces Sections Island and they wanted a sector Sterring & Valkerdan of Bouds/Debournes 1. tealers xxii xxii Q.4: Southyn a Valuation of Ordinary Subtree, 509 PART 1 THE LOCATION OF FOUNDATION OF FINANCE 1.3-1.26 Solvest Firshlerry & Bridder es 1.4 MILLE CAMPER SURVEY 1.7 S. & DIVISION OF BUILDING ST. 2 ement 1.10 APRILES & 235 ion 1.20 nagers in India TRADUCTERN Meaning, Sources and Users of Co 1 (DCM 2008) E Preparation of Cash Flow States

1.	Financial N	Ianagement—An Overview
	Introduction	n 1.3
	Section 1	Finance and Related Disciplines 1.4
	Section 2	Scope of Financial Management 1.7
	Section 3	Objectives of Financial Management 1.10
	Section 4	Agency Problem 1.19
	Section 5	Organisation of Finance Function 1.20
	Section 6	Emerging Role of Finance Managers in India 1.22
	Section 7	An Overview of the Book 1.23
	Summary	1.24
	References	1.25
	Review Que	
		Preparation of Cash Plow Statestant, PERCH 2, And anticomers is subject
2.		e of Money
	Introduction	n 2.1
	Section 1	Rationale 2.2
	Section 2	Techniques 2.3
	0	Directical Applications of Compounding and Present Value Tech

Section 3 Summary 2.29 Solved Problems 2.31 Review Questions 2.33 Answers 2.34

Risk and Return Introduction 3.1

Section 1

2.1-2.36

Practical Applications of Compounding and Present Value Techniques 2.18

Figure and Statements Andrains 3.1-3.43 Commons Size Schernends in Street Risk and Return of a Single Asset 3.2

Section 2	Risk and Return of Portf	olio 3.6	
Section 3	Portfolio Selection 3.12	$\frac{2}{2}$	
Section 4	Capital Asset Pricing Mo	del (CAPM) 3.15	
Section 5	Extended CAPM 3.25	2 20	
Section 6		3.28	
Summary			5 p
Reference	2 3.30		
Solved Pr	oblems 3.31		
Mini Case	es 5.50		
Review Q Answers	3.43		6 1 6 32

Valuation of Bonds and Shares

Introduction	4.1 During Walkystian Model 4.2
Section 1	Basic valuation model 4.2
Section 2	Valuation of Bonds/Dependics 4.9
Section 3	Valuation of Preference Shares 4.8
Section 4	Valuation of Ordinary Shares 4.9
95275 x 7552	out An enclose to Valuation of Shares 4.14
Section 6	Other Approaches to Valuation of Shares Return, Risk and Share Values 4.14 Relationship Among Financial Decisions, Return, Risk and Share Values 4.14
Summary	
References	4.16
Solved Prol	blems 4.16
Mini Cases	
Review Qu	estions 4.21
Answers	4.23

The second second for a long through the second sec PART 2 FINANCIAL ANALYSIS, PROFIT PLANNING AND CONTROL

Introduction 5.3

Cash Flow Statement

Section 1	Meaning, Sources and Uses	of Cash and its Userul	ness J.4	
Section 2	Preparation of Cash Flow Sta	itement 5.5		
Section 3	As-3-Cash Flow Statement	5.14		
Summary				
References				
-	olems 5.24		Probance A property	
Review Que	estions 5.35			
Answers				

Financial Statements Analysis

Introduction	n 6.1	
	Ratio Analysis 6.2	
Section 2	Common Size Statements	6.
	Importance and Limitations	

which is a first stand of a stand which is a first stand that is a stand of the sta 4.1-4.23

5.3-5.41

and the second second

sharely a larger and

6.1-6.82

M.S. WWIIIZATA

LL neuroitanini

Section I. Rok and

TALK CONTRACTOR CALLER f Cash and its Usefulness 5.4 Time Value of Money tement 5.5 5.14 meaduration 21

.42 of Ratio Analysis 6.44

References 6.49 Solved Problems 6.50 Mini Cases 6.62 Review Questions 6.76 Answers 6.82

Volume-Cost-Profit Analysis

Introduction 7.1 Break-even Analysis 7.2 Section 1 Summary 7.16 References 7.16 Solved Problems 7.17 Mini Cases 7.20 Review Questions 7.22 Answers 7.25

Budgeting and Profit Planning

Introduction 8.1 SZ.M. mannh The Planning Process 8.1 Section 1 Budget—Definition, Meaning and Purpose 8.2 Section 2 Preparation/Types of Budgets 8.5 Section 3 South I Hadding and Measurement of Risking 12-1 Summary 8.14 VISION & Reality for an and a grant shall States 12.17 References 8.15 New Town of the Sent Mark England Solved Problems 8.15 Review Questions 8.18 RS. S.A. HERLARD PARALLON Answers 8.20 Selfer Frontinns: 12-28 Karman Dawnsteers 12 45 PART 3 LONG-TERM INVESTMENT DECISION

Capital Budgeting I: Principles and Techniques Introduction 9.3

Nature of Capital Budgeting 9.3 Section 1 Data Requirement: Identifying Relevant Cash Flows 9.7 Section 2 E-E-S most subscript Evaluation Techniques 9.27 Section 3 Section 1 Exactors of Windows Capture 1.5.5 Summary 9.44 Section 3 Planning of Weiddrey Ciquid, 73 10 References 9.46 Sherry 2002 I 20 Solved Problems 9.47 Representation 15,22 Mini Cases 9.64 ES TA ANTINE Prototomy 13 23 Review Questions 9.75 21200.1 101116 18.31 Answers 9.77

10. Capital Budgeting II: Additional Aspects Introduction 10.1 Section 1 NPV, IRR, Profitability Index Methods – A Comparison 10.1 Project Selection Under Capital Rationing 10.12 Section 2

Contents xiii

Summary 6.46 ZIDERING TO P ACCESSION AND A CONTRACTOR Steam Onestern 20.48 7.1-7.25

> 11. Cancept and Measurement of Cont of Cont. C C I molified south

181 V. LINDRA for build Harris C. M. DRUGHERSON, L. PONTRES. The second second second

PE-13 - 68352-58956 8.1-8.20

THE DEPOSITIONS TO SC.

9.3-9.77

10.1-10.50

xiv Contents

Section 3	Inflation and Capital Budgeting
Summary	10.19
References	
	olems 10.21
Mini Cases	
	estions 10.48
Answers 1	10.50

MURPHYSICS 0.40 ng 10.15 ACTIVITY OF STATES Solved Prohibition v. St. SRID HARSDING Setting Ottositestory 15, 70 SIS CONTRACTOR DA Volpure-Cost-Frofit Acalysis 111 11.1-11.52 11. Concept and Measurement of Cost of Capital Section 1 Break-ceren Annitysis 7.1 Introduction 11.1 Section 1 Importance and Concept 11.2 - Stephinger 7 105 OVERTOWNED TO IN Section 2 Measurement of Specific Costs 11.5 Solough Frenheimes 7 7.7 Section 3 Computation of Overall Cost of Capital 11.18 MINE CASES 7.200 Summary 11.25 References 11.27 Act for Contes nows 7.22 Solved Problems 11.28 ALLE ATTACK OF A DESCRIPTION OF A DESCRI

Review Questions 11.50 Answers 11.52

X Reserved The Reserved The Reserved States 18 States 14 March 1997 12. Analysis of Risk and Uncertainty 12.1-12.50 Societion 3 Propaganger Oypers of Lengads 8 35 Introduction 12.1 Statistics of the second of the Section 1 Description and Measurement of Risk 12.2 EX.8 2531819198 Section 2 Risk Evaluation Approaches 12.11 Same Problems : 8:15 Section 3 Risk and Real Optoins 12.24 New Constitutes St. 181 Summary 12.26 THE R. P. CHARGER References 12.28 Solved Problems 12.28 I ADDRESS TRANSLASS AND ADDRESS AND ADDRESS Review Questions 12.45 KONKONICE TRUNCING INTERVISE DIRECTIONS. Answers 12.48

Introduction 13.3 Nature of Working Capital 13.3 Section 1 Section 2 Planning of Working Capital 13.10 Summary 13.20 References 13.22 Solved Problems 13.23 Mini Cases 13.31 Review Questions 13.36 Answers 13.39

PART 4 CURRENT ASSETS MANAGEMENT Working Capital Management—An Overview Section 5 Evaluation Fedhralduses 5.27

ALCONTRACT: STAR Repetences 9.46 Solond Promines 2117 Milli Cases Store PORTING CRANTEROVES S. 7.5

13.3-13.39

 Capital Budgeting III Additional Aspects; Stection 1 INPV, DRV, Peolizability/index.Methods - /s filediration /0.3 -Section 2) Froject: Selection Under Capital Endoring 10.12

-	
14.	Management of Cash and Marketable S
	Introduction 14.1
	Section 1 Motives for Holding Cash 14
	Section 2 Objectives of Cash Manageme
	Section 3 Factors Determining Cash Nee
	Section 4 Determining Cash Need 14.0
	Section 5 Cash Management: Basic Strat
	Section 6 Cash Management Techniques
	Section 7 Marketable Securities 14.23
	Summary 14.29
	References 14.31
	Solved Problems 14.31
	Mini Cases 14.37
	Review Questions 14.42
	Answers 14.44
15.	Receivables Management
	Introduction 15.1
	Section 1 Objectives 15.2
	Section 2 Credit Policies 15.3
	Section 3 Credit Terms 15.8
	Section 4 Collection Policies 15.12
	Summary 15.15
	References 15.16
	Solved Problems 15.16
	Mini Cases 15.25
	Review Questions 15.28
	Answers 15.29
16.	Inventory Management
	Introduction 16.1
	Section 1 Objectives 16.2
	Section 2 Techniques 16.5

Section 3 Just-in Time Inventory/Production 16.14 Summary 16.16 References 16.17 Solved Problems 16.17 Review Questions 16.24 Answers 16.25

17. Working Capital Financing

Introductio	n 17.1	
Section 1	Trade Credit 17.1	
Section 2	Bank Credit 17.3	
Section 3	Commercial Papers	17.9

Contents xv

permittent with the per-14.1-14.44 ecurities Sector Producers Sector ent 14.4 The Shiring Print 2, http:// eds 14.5 The REAL CONTRACT STATES tegies 14.16 s/Processes 14.19

120 Operating, Finnerful and Combined Lever ALMA REQUIREMENT . Second a concerning because with the second second and the second s Schutten & Fromenn Larvannee 1X records? NAME AND AND AND ADDREED FOR TAKES TO ADDREED FOR 15.1-15.29 - Kindón (n. 117 manual)

12. Capital Structure, Cost of Capital and Value "LAN DORDING MIL

Samony J. III and Structure. Phys. Rev. J. 197 Section 3 Net income approach in 192 Section 3 Net Operating Income (KOD) App Section i Moduliane-Miller (MDD) Appresativ

16.1-16.25

CONTRACTOR STREAM The second second second Scientif Providents III. 12 Adding Frankly Theef Renting Onentration 122-45 SECOND REPAIRED

40. Designing Captul Structure

NULLING PROFILMENT ASSAULT 2018 LISSIS TOMOTOR, STRUCTURE 17.1-17.26 Section 3 Control 20.9 Will Pfeelinkin a Extension Ratura for Other Fights in th the number of the line of the second of the

Semicro 6 Consultation with Investment Bandle of the value of the second of second with the second secon

Contents xvi

XVI	Contento		
	Section 4	Certificate of Deposi	ts (CDs) 1
		Factoring 17.14	
	Summary		
		blems 17.21	
	Mini Cases		
		estions 17.25	
	Answers		
	Answers	17.20	
		No. of Marian Process of Street, or	PAR
			FINANCING
10	Operating	, Financial and Com	bined Leve
18.	Introductio		
		Operating Leverage	18.4
	Section 1	Financial Leverage	18.7
	Section 2	Combined Leverage	20
	Section 3		. TOtal Misik
	Summary		
	References		
		blems 18.23	
	Mini Cases		
		estions 18.47	
	Answers		
19.	Capital St	ructure, Cost of Cap	ital and Va
	Introductio		1.2.2
	Section 1	Capital Structure Th	
	Section 2	Net Income Approa	
	Section 3	Net Operating Incom	
	Section 4	Modigliani-Miller (M	
	Section 5	Traditional Approac	h 19.24
	Summary	19.30	
	References	19.32	
	Solved Pro	blems 19.32	
	Mini Case	19.40	
	Review Qı	iestions 19.45	
	Answers	19.47	
20.	Designing	g Capital Structure	
	Introductio	on 20.1	
	Section 1	Profitability Aspect	20.2
	Section 2	Liquidity Aspect 2	20.4
	Section 3		
	Section 4	Leverage Ratios for	Other Firm
	Section 5		
	Section 6	Consultation with I	
	Section 7	Maintaining Manoe	
		0	

17.12 List notrubovid LT-1 des l'antidati son traines (rein 1-Section 2 Effections of Cash Minnightin Section 3 Factors Determining Canin Needb 2.54 break data noninimeteral 1.000 bio/ Section 5 (Canti Minungengenerge Busie Stratter Dependent of the second for a contract of the second of th RT 5 **DECISION** STREETS 14 29 18.3-18.50 erage Sound Problems I'v I'r ATTACAME LAGE LAGE Periodical Strandors 7-9, 42 4 State Transien 18.20 Receivables Manufigunett - 7.5.7 noiteonbartin Rechtion & Credit Politices 15 4 Section 5 Crestil Titerns 75.85 Section 4 Collection Policies 19.1-19.47 aluation Mareneences 15.16 Solvent Providents 15.16 Mart Case 18.25 Reported Directions 15.28 Approach 19.7 ach 19.11 10 Inventory Sounds (1) TUTOCHANDER IG 7 Section 1 . Objectives 10.2 Servicen 2 Techniques 1623 Marshell an parties 5 fastin Time inventory roductor Summer 16.16 References IGIT 20.1-20.32 Rath Best Othershowis 165.24

ATTNETTS 16:25

Workfrige Capital Firmacing futuroduction 7.2.7 ns in the Industry 20.10 Bection 1 Inde Section 2 Bank Gredit 77.3 Bankers and Lenders 20.11 for Commercial Strategy 20.11

Section 8 Timing of Issue 20.12 SLOWLING PL 24 LT Section 9 Characteristics of the Company 20.13 SLASS AND AND ADDRESS Section 10 Tax Planning 20.13 Capital Structure Practices in India 20.15 12 vill 95. Official with the Summary 20.15 References 20.16 25. Eenen Eineneing und Hire-gureinssen Firmensen Solved Problems 20.17 Triteeduzutors 237 / Mini Cases 20.22 Section 1 Reput: Plant University 251 Review Questions 20.30 Section - Hite-Permitians futures - 15 22 Answers 20.32

21. Capital Markets

Introduction 21.3

Maninery Stenitery Relationship Between New Issue Market and Stock Exchange 21.5 Section 1 Functions of Stock/Secondary Markets/Exchanges 21.7 Section 2 Functions of New Issues/Primary Market 21.9 Section 3 Section 2 Indian Ventors Sapini Scammo -26.16 Summary 21.14 Storitman 21 - 17 References 21.15 Performances and so Review Questions 21.16 FERSION QUARANTERS 20,33 22.1-22.15

Equity/Ordinary Shares

Introduction 22.1 Fundamentals of Equity Shares 22.1 Section 1 Issue Procedures 22.4 Section 2 Summary 22.11 Solved Problems 22.12 Review Questions 22.13 Answers 22.15 Smellion 5 Call Ophion Boundaries 27.60

Term Loans, Debentures/Bonds and Securitisation 23.1-23.31 Introduction 23.1 Term Loans 23.2 Section 1

Section 2 Debentures/Bonds/Notes 23.7 Section 3 Securitisation 23.16 Summary 23.26 Solved Problems 23.27 Review Questions 23.30 Answers 23.31

Section	2	Convertible	Debentures/Bonds
Section	3	Warrants	24.7

Contents xvii

PART 6 ALL CHEN STREET LONG-TERM FINANCING SANTHIN DURSTITION 25 SHI 21.3-21.16

Zl. Option Valuation

Summery 27.27

-Teller I. Produtinits 27.23

TS NS 21HMD2 HWD DESERVED

UPL N N. STUTYAYZER

24. Hybrid Financing/Instruments 24.1-24.16 Introduction 24.1 Section 1 Preference Share Capital 24.1 ls 24.4 M.S. zonskiers, beskir.

xviii Contents

25.

STRUCTURE OF INSTRUCT AND ADDRESS STRUCTURE OF ADDRESS Options 24.10 Section 4 Summary 24.11 Solved Problems 24.12 * South Strategy Provident Constitution (Constitution) Review Questions 24.14 THE OSCIENCES OF A DESCRIPTION OF A DESC Answers 24.16 25.1-25.58 Lease Financing and Hire-purchase Finance TTOMA UNIONTAL ST DE DOUSTINN Introduction 25.1 NOT THE OWNER WITH A DRIVEN AND A Lease Financing 25.1 Section 1 Section 2 Hire-Purchase Finance 25.21 Summary 25.28 Solved Problems 25.29 PARY 5 LONG THERE FREE AVECTOR Mini Cases 25.47 21. Capital Markets Review Questions 25.54 and a second and secon Answers 25.57 26.1-26.34 26. Venture Capital Financing Introduction 26.1 Theoretical Framework 26.2 Section 1 Section 2 Indian Venture Capital Scenario 26.16 A COLORAD SUCCESSION AND A SUCCESSION OF A SUCCESSION AND Summary 26.27 Martin Shanking -2 15-References 26.32 Z3 FB [01 By Orrightery Shares Review Questions 26.33 - 3 SiS multiplement PART 7 Section in Publication of F **RISK MANAGEMENT** Testar Protectures 22-4 27.3-27.29 A Carlos Martin SALASS. WINDOWNS STRATE C. C. LIMBERTSCHAFT SALES 27.3 ARAMSE PARTY 10 Valuation 27.12 5.25 mennuticand ricing Model 27.17 Section 1 marsh 3 and DISS DOMESTIC STRUCTURES DELTES, SCHERERSON, A.S. S.S. A.S. Sinney President "23.27 28.1-28.19 A PLAN TO STATE AND A PLAN TO A PLAN 24. Hybrid Financing/Tantants. Forward Contracts 28.2 Immoduction 24.4 Section 1 Futures/Future Contracts 28.3 Section, D. Preference Share United Section 2 Section 3 Options/Options Contracts 28.8

27.	Option Val	
	Introduction	27.3
	Section 1	Option: Concept and Types
	Section 2	Option Payoffs 27.9
	Section 3	Call Option Boundaries 27.2
	Section 4	Factors Influencing Option Va
	Section 5	The Black-Scholes Option Pri
		27.21
	References	27.22
		blems 27.23
		estions 27.27
	Answers	
28.	Derivative	s: Managing Financial Risk
	Introductio	n 28.1

Summary 28.15 Solved Problems 28.16

		estions 28.18
	Answers	28.19
9.	Corporate	Governance
	Introductio	n 29.1
	Section 1	Corporate Governance (Clause
	Section 2	Corporate Governance Rating
	Summary	29.21
	Review Ou	estions 29.23

51 in constants bin

30. Dividend	and Valuation
--------------	---------------

Introduction 30.3 Irrelevance of Dividends 30.4 Section 1 Section 2 Relevance of Dividends 30.13 Summary 30.19 References 30.21 Solved Problems 30.21 Review Questions 30.29 Answers 30.31

31.	Determina	nts of Dividend Policy
	Introduction	n <i>31.1</i>
	Section 1	Factors 31.1
	Section 2	Bonus Shares (Stock Dividend) and Stock (S
		(Buy-Back of Securities) 31.13
	Section 3	Legal, Procedural and Tax Aspects 31.22
	Section 4	Share Splits in India 31.24
	Section 5	Issue of Bonus Shares in India 31.24
	Summary	31.25
	References	
	-	olems 31.27
	Mini Cases	31.33
		estions 31.35
	Answers	

PART 9 5 21 Raupleudanii Incents VALUATION AND CORPORATE RESTRUCTURING E. Makernagernative Fractices in India 55.16 STRUMPTON 15 F.S.

Business Valuation 32.

Introduction 32.3 Conceptual Framework of Valuation 32.3 Section 1 Approaches/Methods of Valuation 32.6 Section 2 Other Approaches to Value Measurement 32.20 Section 3 Summary 32.23

29.1-29.23

• 49 Listing Agreement) 29.2 29.20 Matrodischort 33.4

Acquintion/Talaeovers 53.22

A 15 abovement impression i morred

SCOUDE 2 Unional Frankwork 28.5 PART 8 **DIVIDEND DECISION**

30.3-30.31

Differ fourths of Loopport Restrictions in an 23.55 STRATIFICATION 33 28 All Altready and 33.00 C. L. P. Million P. Continues 51.00 THE ER WIND LINKS Not the second s

31.1-31.37

32.3-32.45

34. Foreign Exchange Marford and Deutinger) and Stock (Share) Splits Stock Repurchase pects 31.22 Summary pl. 26 a 31.24

Sulfand, Predictiones 34 2 7 - Rentieven Orecestions 3-6.27 d usunves for Sec. 35. Poreign Szehmuge Exponence and Bisk Mar.

Distantional AS 2

New Grant Company S.S. 15

NUTL CALCE 15.29

Solomi Problems _55 Ph

Reserverse Queentions 35.14

References 32.25 Solved Problems 32.25 Mini Cases 32.32 Review Questions 32.43 Answers 32.45

33. Corporate Restructuring

Introduction 33.1 Conceptual Framework 33.1 Section 1 Financial Framework 33.5 Section 2 Tax Aspects of Amalgamation, Merger and Demergers 33.18 Section 3 Legal and Procedural Aspects of Mergers/Amalgamations and Section 4 Acquisiton/Takeovers 33.22 Section 5 Other Forms of Corporate Restructuring 33.53 Summary 33.59 References 33.66

Solved Problems 33.66 Mini Case 33.85 Review Questions 33.91 Answers 33.99

52.1251.57

PART 10 INTERNATIONAL FINANCE

34.	Foreign Exchange Markets and Dealings
	Introduction 34.3
	Section 1 Foreign Exchange Markets 34.3
	Section 2 Foreign Exchange Dealings 34.4
	Section 2 Determinants and Select Theories of Exchange Rates 34.13
	Summary 34.16
	References 34.17
	Solved Problems 34.17
	Review Questions 34.27
	Answers 34.29
35.	Foreign Exchange Exposure and Risk Management 35.1-3
	Introduction 35.1
	Section 1 Types of Exposure 35.1 Section 2 Foreign Exchange Risk Management—External Techniques 35.5
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Section 3 FIrm—Internal Techniques 35.11
	Section 4 Risk Management Practices in India 35.16
	Summary 35.17
	References 35.19
	Solved Problems 35.19
	Mini Case 35.29
	Review Questions 35.31
	Answers 35.33

220 LOUDER MARKED (SCHOLDER) Colling and the second s 33.1-33.94 CREEKE SON FRANCO TOURSEN WHORE AND ST. DL IPERMANNESS Rethinste Constrainty 201

30. Dividenti and Valmution. Sternan 1 Impletation of Dividently Stanmater, St. 10 Solund Prohings APTEND CALENTRY 30.29 X 5-332 / X 742/3844 /-

34.3-34.29

35.1-35.34

ZS

gement—External Techniques 35.5 35.11 n India 35.16 32. Suntees Valuetion

36. International Financial Management Introduction 36.1 Multinational Capital Budgeting Decisions 36.1 Section 1 Section 2 Cost of Capital 36.10 Adjusted Present Value Approach 36.20 Section 3 Multinational Working Capital Management 36.20 Section 4 External Commercial Borrowings (ECBs) 36.23 Section 5 Euro Issues 36.27 Section 6 Section 7 Foreign Currency Exchangeable Bonds 36.31 Summary 36.33 References 36.36 Solved Problems 36.36

Review Questions 36.43 Answers 36.45

A STREET STREET AND A STREET STREET AND A ST

und & onumber statistics and the

Appendices Bibliography Index

Contents xxi

36.1-36.45

A.1-A.10 **B.1-B.2** I.1-I.11

EARLY MILL DESIDER WHILE AN ASSOCIATION TO A

Part Preview

Each part begins with an overview that provides a glimpse of the contents in its chapters.

Learning Objectives

1. Define france and describe its major areas--financial management/mane gerial finance/ corporate finance and financial asrvices 2. Differentiate financial management from the closely related disculines of secondary and sconomics 3. Describe the scope of financial management and identify the key actual of the financial manager 4. Explain why wealth/value engronmation, rather than protict PS meanings

Financial

Management—

An Overview

- tion, is the goal of fisiancial management and how economic value added (KVA) and focus on shorphoiders relate to its achievenions and summarian the major objectives of corporate transit by indian coloration 5. Discuss the equincy problem facub as it relates to conners would nussimilar-
- 1000 6. Outline the urganization of triance function and the emerging role of finance Hyanagers is avdia

INTRODUCTION

Chapter /

Finance may be defined as the at and science of managing manry. The maps areas is for at and of feasing aim: (1) financial services and (2) managerial finance/corporate finance/ science of freatured management. While flancicial services is concerned with the design and managing miney.

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FINANCIAL MANAGEMENT-AN OVERVIEW Chapter 2 TIME VALUE OF MONEY Chopter J RISK AND RETURN VALUATION OF BONDS AND SHARES

Part

THIS PART OF THE BOOK DWELLS ON THE FOUNDATIONS OF FAMILIE CHAPTER 1 GAES AN OVERNEW OF FWANCIAL MANAGEMENT IN TEPUS OF IT'S RELATIONSHIP WITH RELATED DISCIPLINES SCOPE, COLECTIVES ADDICT PRODUCES, ORGANISATION OF PRANCE PARETRINE, BY A TYPICAL ORGAN SATION AND THE OP CAN SATION OF FINANCE FUNCTION IN INDIA. CHARTER 2 DISCUSSES A BASIC F NUNCH L'ONCEPT, NUMELY THE VALUE OF MONEY. IT EXPLAINS AND ILLUSTRATES THE BASIC COMPOUNDING AND DISCONDING TEXPOLOGY AS WERE AS THE APPEILATIONS, WHAT BOY ANY PRIMES SICLEDING SALTHINGS IN 1995 FACTOR VALUATION IS ANALYSED IN CHAPTER J. VALUATION OF BOADS MO SHARES IS COVERED IN CHAPTER 4

CARDE STRATES

ppendices

destrouted

Rinelling Duristicities 36:33

CHARMEN STREET, DRIVEN STREET, STRE

Foundation of

Finance

Learning Objectives

At the beginning of each chapter, the learning objectives outline what all the reader has to know when the chapter is completed.

Walkthrough

Margin Notes

Important concepts and key terms are briefly summarised in the notes given in the margins.

The Value of Money 2.3

fack acceptable as it adds Rs 80,000 as profit. However, when we take into account a rate of interest say, of 10 per cent the earlier conclusion will have to be revised as without the project. the sum could have amounted to Rs 11.00.000. Likewise, when the decision is made to ruse a loanof Rs 10.00.000 from a financial institution or by issuing debentures, for a period of 30 years, the firm is not only under obligation to meet interest payment as and when it becomes due on the debtat fixed intervals but also must make provisions so that it can repay Rs 10.00.000 when the loan or debentures become due. Thus, time value of money is of crucial significance. This requires the development of procedures and techniques for eviluating future incomes in terms of the present

SECTION 2 TECHNIQUES

The preceding discussion has revealed that in order to have logical and meaningful Compound comparisons between cash flows that result in different time periods it is necessary to convert the sums of money to a common point in time. There are two techniques for doing this (1) Compounding and (2) Discounting

Compounding Technique

Interest is compounded when the amount e-med on an initial deposit tibe initial principal at the The term principal refers to the amount of money on which interest is received period Consider Example 2.1 Example 2.1

If Mr X invests in a saving bank account Rs 1 (0) at 5 per cent interest compounded anoually, them to the at the end of the fast year, he will fuse Rs 1,050 in his account. This uncount constraints the annual of masers principal for earning interest for the next year. At the end of the next year, there would be Rs 1.102.50 m the account. This would the the principal for the third year. The amount of interest earned would be Rs 55.125. The lanouns appearing in his account weaklibe Ry 1 157 625. Table 2.1 shows this compounding procedure

TABLE 2,1 Annual Compounding

War	1	1	
Begiving atment	R6 1,000.00	Ra 1.050 00	Ra 1,102 500
interest rate	0.05	0.05	0 050
Amount of Interest	50.00	52 50	55 125
Depining astroised	L.00000	1,068.00	1,102,000
Ending principal	1,0000	1, have not	1,157,445

This compounding procedure will continue for an indefinite number of years. The compounding of interest can be calculated by the following equation: $A = P\{1 + 0^{n}\}$

*in which

- A = amount at the end of the period P = principal at the beginning of the period
- / = rate of interest
- $\eta = \text{number of years}$

(2.1)

sumed on a given

deposit principal

that has become

a part of the

Working Capital Management-An Overview 13.5

predictable cash inflows can operate with lattle or no NWC. But where clish inflows are uncertainit will be necessary to maintain current assets at a level adequate to cover current liabilities, that is there must be NWC

Alternative Definition of NWC MIC can alternatively be defined as that part of the current mosts which an financed with long term funds. Since current liabilities represent sources of short term funds, as long as current assets exceed the current liabilities, the excess must be financed with long terns funds

Concept of Zero Working Capital⁴ The zero working capital OfWCI concept of net working rapital differs firms the consistently used concept of working capital CA. - CI.) The ZWC = Intermediate (*) Receivables (*) Payables. The estimate is that inversestion and receivables are the major constituents of concept at working is introduced in invariables minutes which a set of the set of

reduction in working capital lunch provits in this financial south traving in capital custs). The aven working expited concept forces garettipurates to prochase and deliver faster. This, in min, may help to gain price business. Were now investment, storage cost in well in this that to closeline investments are also minimized, leading to another set of savings in operating costs. Just-in-time method of incomercy costs of discussed in Chapter 16) for intais carrying relatively low level of raw-material invessories. Efficient production sparse (production in tang with sales) can further help in reducing

nearth in-processes and familiard growts investigate a. In sealing, however, is may not be possible for most from to operate at zero working capital. Yet, the costops is theperates as a feetises that the flams should anno for carrying minimum safety stock of investories, purning good meth collection policies leading to minimum increasurem in dobuse and harganing for maximum costs payment period from appliant. These minimum schold mult in financial and production economies, building to higher inton on increasions.

Policies Related to Current Assets Investment

There is a policies related to the total invision of investments made in current assets. These policies differ in respect of the total amount of current assets carried to income in level of sales³ As a result, these policies have an impaction concentrate association provider ratio.

Related Carrent Actual Investment Policy This enters to the party of an life form the form the series and the series are series are series and the series are seri current assets turnover ratio of such firms and to be relatively low

Aggregative Correct Assain Investment Policy This refers to the policy where Aggregative feat's lackings of each and conformations, inventuries and receivables are patter minimised. Since there is relatively lower amount of current genets to support given septer minum level of sales, the correct associa terroriser rates tends to be high.

Under such a policy, she firm would hold minimum level of safety mucks of cash investigation and investories, and musili pursue a tight/strict could policy for could takes thought investigation at times, it sums the risk of losing select. An aggregative/penticent/lean-and-mean investor.

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Examples

Solved examples help in the better understanding of concepts.

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seen incerv Ischn. 1988.

ABC inventory control system 16.5-6 Abandonment option 12.24-25

CAL DOMESS INSTRUCT

Accept-reject capital budgeting decisions 9.6 (see also capital budgeting)

Accounting 1.5-6 Accounting for intangible benefits

36.3

Accruals 14.23 Accrual system 1.5 Acid-test ratio 6.7-8 Acquisitions (see mergers) Activity ratios 6.30-6.34 Adjusted present value (APV) approach 33.16-7, 36.20 Administrative expenses ratio 6.22 Ageing schedule 6.33 Agency problem 1.19-20 Aggressive assets 3.22 Aggressive current assets investment policy 13.5-6 Amalgamation/acquisitions (see mergers) Amalgamations (see mergers) American depository receipts, ADRs 36.31 American options 27.4, 35.8 Annuity 2.10 VIET HER CONCERNING Appraisal value 33.6 Arbitrage in forward markets

34.11-13 Arbitrage in spot markets 34.10-11

Arbitrage pricing theory 3.28-9 Arbitrage process 19.13-16, 34.10-13 Arbitrageurs 34.10 Asset backed securities 23.21 Asset based approach to valuation 32.6-8 Assets turnover ratio 6.34 Asymmetric information 19.22 Attention hypothesis 31.15 Audit Committee 29.3-5 Authorised share capital 22.2 Average collection period 6.31 Average rate of return 9.27-29 accept-reject rule 9.28 computation 9.27-28 evaluation of 9.27

Photes, for an and then

ACREATED AND ALL STORE AND A STORE

OTHER METUDICEN DESTUR

Bail-out takeovers 33.44, 33.50
Balance of payment position 34.15
Bank credit 13.19-21, 17.3-5 cash credit/overdraft 17.3
letter of credit 17.4
loans 13.20, 17.3
mode of security 17.4-5
procedure for obtaining purchase/discount of
bill 17.3
Bank float 14.20
Bankers acceptance 14.26
Bankruptcy costs 19.20

Bankers acceptance 14.26 Bankruptcy costs 19.20 Base-period earnout 33.11-12 Basic valuation model 4.2-3 Baumol model 14.6-8



NUMBER OF STREET

Tarphin most private model

FILLING PRESERVED AND A STREET AND A STREET

A-E.J.F. John March R. DYDDROV

Bear hug 33.49 Benchmark currency 34.8 Benefit-cost ratio (B/C ratio) (see profitability index) 9.42-43 Beta 3.21-2, 11.16 Bilateral netting 35.13 Bill finance 13.20,14.27, 17.4 Bipartite lease 25.6 Bird-in-hand argument 30.12 Black-Scholes (BS) option pricing model 27.17-20 Block of assets 9.11-14 Bonding expenditures 1.20 Bonds (see debentures) 23.7-20 Bonus shares 31.13-14 Bonus shares (issue of) in India 31.23-24 Book building 22.7-12 Book value 4.12-13, 22.2, 32.4, 33.6 Book value per share 6.27 Book value weights 11.21-22 (see weighted average cost of capital) Brand power 33.49 Break-even analysis 7.1-16 Break-even lease rental 25.18-21 Budgeting 8.1-11 budget 8.2 elements of 8.2 planning process 8.1 purpose 8.3 types of budget 8.5-13 financial 8.5-13 flexible 8.10-13 operating 8.5-9

I.2 Index

approach 12.16-21 Business cycle 13.14 real options 12.24-25 Business risk 11.3 risk adjusted discount Business valuation 32.3-23 approaches of 32.6-23 rate 12.11-13 conceptual framework 32.3-6 risk-evaluation approaches 12.11-23 Call option 27.4-8, 27.10-12, 35.7 unsophisticated/traditional Cannibalisation 36.3 9.27-32 average rate of return Capital asset pricing model, CAPM 3.19-25, 11.15-17 9.27-29 payback 9.29-32 Capital budgeting 9.3-44, 10.1-14, Capital cost 15.2 12.1-20 basic principles 9.3-5 Capital expenditure ratio 6.19 Capital gearing ratio 6.16 capital rationing decisions 9.6 Capital impairment rule 31.7 Capital market line 3.17 data requirement 9.7-24 mutually exclusive Capital markets 21.5-14 proposals 9.24-26 functions of new issues practices in India 9.43-44 market 21.9-13 functions of stock exchanges replacement proposal 9.20-22 21.7-8 single proposal 9.15-17 new issue market and stock difficulties 9.5 exchange 21.5-7 importance 9.5-6 Capital rationing decisions kinds of 9.6 9.6, 10.12-15 divisible projects 10.13-14 meaning 9.3 nature of 9.3-5 fallout of 10.15 techniques/methods of 9.27-41 indivisible projects 10.13-14 Capital structure planning/ internal rate of return (IRR) 9.36-40 decisions 20.1-12 factors determining 20.2-12 net present value (NPV) method 9.34-46 cash flow analysis 20.4-8 characteristics of company present value method 9.34-35 20.13-14 consultation with bankers/ profitability index 9.42-43 sophisticated/time-adjusted/ lenders 20.11 discounted cash flow control, 20.9 EBIT/EPS analysis 20.2-3 (DCF) (Ken weighted avenue) leverage ratios of other 9.33-42 terminal value method firms in industry 20.10 maintaining manoeuverability 9.41-42 under inflation 10.15-17 20.11-12 nature of industry 20.10-11 under risk and uncertainty practices in India 20.15 12.1-26 tax planning 20.13-14 certainty-equivalent approach 12.13-15 timing of issue 20.12-13 12 Capital structure ratios (see decisions tree approach leverage ratios) 6.12-6.18 12.22-24 Capital structure theories 19.1-30 definition 12.2-3 practices in India 12.26 assumptions 19.1-2 definitions and symbols 19.2-3 probability distribution

MM approach 19.11-24 net income (NI) approach 19.4-7 net operating income (NOI) approach 19.7-11 traditional approach / 19.24-30 Capital turnover 6.31 i Capitalisation method (related to valuation) 32.9-11 Capitalisation rate 19.8 Carrying cost 16.3 Cash break-even point 7.15-16 Cash budget 8.5-6, 14.10-14 Cash credit system 17.3 Cash cycle 13.10, 14.16-17 Cash discount 15.9-10 Cash discount period 17.2 Cash earnings per share 6.27 Cash equivalents 5.15 Cash flow basis of valuation 32.12-19 Cash flow coverage ratio 6.18-19 Cash flow from operations ratio 6.11-12 Cash flow statement 5.3-23 meaning 5.4 preparation 5.5-14 sources and uses of cash 5.4 statement as per accounting standard 3 5.14-23 usefulness 5.4-5 Cash flows 9.7-20 and effect of depreciation 9.11-13 and effect of indirect expenses 9.10 and effect on other projects 9.10 and tax effect 9.10-12 and working capital effect 9.14-15 cash flow estimates 9.9-20 conventional 9.9 incremental 9.8 non-conventional 9.9-10 vs accounting profit 9.7-8 Cash flow analysis (related to debt capacity) 20.4-8 Cash management 14.1-27 basic strategies 14.16-19 cash budget 14.10-14

factors determining cash needs 14.5-6 objectives 14.4-5 marketable securities 14.23-26 models 14.6-9 Baumol model 14.6-8 Miller-Orr-model 14.9-10 Orgler's model 14.9-10 motives for holding cash 14.1-14.4 techniques and processes 14.19-23 Cash substitutions hypothesis 31.15 Cash turnover 14.16-17 Certainty-equivalent approach 12.13-15 accept-reject rule 12.14-15 comparable riskless flow 12.14 evaluation 12.15-16 present value calculations 12.14 CFAT of subsidiary company 36.5 CFAT to parent company 36.5 Charge 13.20, 17.5 Cheque encashment analysis 14.23 Cheque kiting 14.22 Circulating capital (see working capital) Clearing house 35.6 Coefficient of variation 12.9 Collection cost 15.2 Collection policies (see receivable management) 15.12-15 Disk Pro-Combination and Competition Act 33.23-24 Combined (composite) cost of capital 11.18-23 Commercial paper 13.21-23, 14.26, 17.9-10 Common size statements 6.42-43, 6.49-51 Common time horizon approach 10.5 Compensating motive 14.3-4 Competitive bid 33.41-42 Compounding technique 2.3-8 annual compounding 2.3-4

29.2-12 audit committee 29.3-5 audit reports and qualifications 29.5 board of directors 29.2-5 CEO/CFO certification 29.7 compliance 29.8 disclosures 29.5-6 information to be placed list of items to be included in the annual reports 29.10-11 non-mandatory requirements 29.11-12 report on corporate governance 29.9 Subsidiary companies 29.5 Whistle Blower Policy 29.5, 29.12 29.16-21 board structure and processes 29.17-18 financial discipline 29.20 governance structure and management processes 29.17-18

annual compounding annuity 2.10 mixed stream of cash flows 2.13-14 quarterly compounding 2.6 semi annual compounding 2.5-6 24.4-7 clause 49 listing agreement before board of directors 29.8 corporate governance rating

Concentration banking 14.20-22 Conglomerate merger 33.3 Conservative approach 13.7 Consolidation (see merger) Constant dividend per share 31.3 Constant growth model 4.9-10 Constant payout ratio 31.4 Continuing value 32.15-6, 33.13 Contribution 18.6 Conversion costs 14.6 Convertible debentures/bonds Corporate governance 29.2-6

rating scale 29.20-21 shareholding structure 29.16 stakeholders relations 29.18-19 transparency and disclosures 29.19 Corporate governance voluntary (government) guidelines, 2009 29.21-26 Corporate mergers (motives) in India 33.56 Corporate restructuring 33.1-56 buyouts 33.55 divestitures/demergers 33.52-54 financial restructuring 33.50-52 mergers and acquisitions 33.1-50 other forms 33.50-54 Corporate taxes, (see MM approach) 19.18-19 Cost of acquisition 33.14 Cost of additional investment in cash and inventories 15.12 Cost of additional investment in debtors 15.11-12 Cost of capital 11.1-24 assumptions 11.3-4 computation of specific costs 11.5-18 definition 11.2 explicit and implicit cost 11.4-5 importance 11.2 measurement of 11.5-22 cost of debt 11.5-8 perpetual debt 11.6 redeemable debt 11.7-9 cost of equity capital 11.11-17 capital asset pricing model approach 11.15-7 dividend approach 11.12-15 cost of preference shares 11.9-11 perpetual 11.10 redeemable 11.9-10 cost of retained earnings 11.17-18 overall cost/combined/cost of capital 11.18-23 practices in India 11.23-24

I.4 Index

Cost of capital related to multinational capital budgeting decision 36.10-17 cost of debt 36.11-14 cost of equity capital 36.17-8 cost of preference shares 36.15-7 SHOW SURION cost of retained earnings 36.19 overall cost of capital 36.19 Cost of carrying model 28.6 Cost of goods sold ratio 6.22 Covenants 23.2 Coverage ratio 6.17-18 Covered interest arbitrage 34.11 Credit analysis 15.7-8 Credit policy 13.14-15, 15.3-7 Credit standards 15.4 Credit terms 15.8-9 Creditors payment period 6.9 Creditors' turnover ratio 6.9-10 CRISIL rating symbols 23.14 Cross-border lease 25.7 Cross rates 34.8-9 Currency futures 35.5 Currency options 35.7-8 Currency swaps 35.10 Current assets' turnover 6.34 Current ratio 6.4-5 Cut-off rate 11.2 start type-black washing consultations Debentures 23.7-20 attributes 23.7 evaluation 23.8 IDCI ISAU CITICI innovative debt instruments 23.8-10 rating of debt instruments 23.11-17 Debentures/bond refunding 23.10-11

Debt capacity based on cash flow analysis 20.5-9

Debt equity mix (see debt-equity ratios)

Debt equity ratios 6.12-15 Debt service coverage ratio 6.19-20

Debt to total capital ratio 6.15 Debt securities 23.16 Debtors turnover ratio 6.8,

Light System Street Street

6.31-32

Debt-yield plus risk premium approach 11.11 forward contracts 28.2 CODVERS futures 23.3-8 market in India 28.14-15 options 28.8-13 techniques 9.33-38 internal rate of return 9.33-37 net present value method 9.34-36 (see also capital budgeting) annuity 2.14-15 mixed stream of cash flows 2.14-16 perpetuities 2.18 value method)

Decision-tree approach 12.22-3 Default risk 14.24-25 Demergers 33.52-3 equity capital) 11.12-15

Deep discount bond 23.9 Default cost 15.3 Defensive-interval ratio 6.10-11 Defensive assets 3.22 Defensive strategies 33.49 Deferred taxes 5.17 Delinquency cost 15.2-3 Deposit float 14.20 Depreciation 9.11-13 Derivative market in India 28.14-15 Derivatives, securities 28.1-15 Devaluation 34.15 Dilution of financial interest 22.3 Dilution of ownership 31.10 Direct bankruptcy costs 19.20 Direct lease 25.6 Direct quotation 34.5 Discount charge 17.16 Discount rate 2.11 Discounted cash flow Discounting technique 2.11-16 Discounted value (see present Diversifiable risk 3.21 Divestitures 33.52-4 Dividend 30.4 Dividend approach (see cost of Dividend coverage ratio 6.18 Dividend equalisation reserve 30.6 Dividend decision 30.4-16 irrelevance of 30.4-16

M.M. hypothesis 30.6-11 Residual theory 30.4-6 relevance of 30.13-18 Gordon's model 30.17-19 Walter's model 30.13-15 Dividend discount models 4.21 Dividend payout ratio 6.28-29. 31.2-4 constant payout ratio 31.4 Dividend policy-determinants of bonus shares 31.13-14 capital market considerations 31.11-12 dividend payout (D/P) ratio 31.2-4 inflation 31.12 legal, contractual and internal constraints and restriction 31.7-14 owner's considerations 31.10-11 stability of dividends 31.3-6 Dividend tax 11.13 Dividend theories Bolten's approach 31.7 Gordon's model 30.17-19 Lintner's approach 31.6-7 MM theory 30.6-11 Residual theory 30.4-6 Walter's model 30.13-15 Dividend yield 6.29 Domestic lease 25.7 Double leverage 19.18 Double taxation 36.6 DPS, dividend per share 6.27 Du-Pont chart/analysis 6.35-37 Manual Antibor and Composition Ments Earn-out plan 33.11 Earnings approach (see cost of equity capital) Earnings based approach to valuation 32.8-17 Earnings per share (EPS) 6.26-27, 33.7-8, 32.10 Earnings power 6.35 Earnings yield 6.29 EBIT-EPS analysis 18.12-20, 22.2-3 ECB entitlement for new projects 36.23-6

Economic exposure 35.3-5
Economic order quantity
(EOQ) 16.7-10
Economic value added 1.17,
32.21-2
Effects of depreciation on cash
flows 9.11-12
Effective rates of interest and
discount 2.23
Efficiency ratios 6.30
Efficient portfolios 3.13-17
-
Equity shares 22.1-11
features of equity shares 22.1-4
evaluation 22.4
issue procedures 22.4-11
book building 22.7-11
eligibility norms 22.4-6
green shoe option 22.9
pricing of issues 22.5-6
promoter's contribution and
lock-in requirements 22.6-10
type of equity share capital
22.2
Equivalent annual value/cost
10.7-8
Escrow 33.42-3
Euro issues 36.27-31
European options 27.5, 35.8
European options 27.5, 35.8
European options 27.5, 35.8 Exchange rate risk 36.7-9
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings,
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20 functions of a factor 17.14-16
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20 functions of a factor 17.14-16 Fair value 32.5, 32.20
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20 functions of a factor 17.14-16
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20 functions of a factor 17.14-16 Fair value 32.5, 32.20 Fees and royalties 36.3
European options 27.5, 35.8 Exchange rate risk 36.7-9 Exchange rates 34.4-10 Exercise price 35.9 Expected value 12.5-6 Expenses ratios 6.22 Expropriation risk 36.10 External commercial borrowings, ECB 36.23-31 Explicit cost 11.4-5, 19.8 External yield criterion 11.18 Face value 22.2 Factoring 17.14-20 advantages 17.16-18 definition and mechanism 17.14-15 evaluation framework 17.18-20 functions of a factor 17.14-16 Fair value 32.5, 32.20

of 1.22 Financial asset 21.3 Financial cash flows 14.11-12 Financial analysis, defined 6.1 Financial break-even point 18.12 Financial distress 20.1, 20.5 Financial expenses ratio 6.22 Financial intermediaries 21.4 Financial lease 25.3-5 Financial leverage 18.7-10, 18.19 computation of 18.8-10 favourable or positive leverage 18.7 unfavourable or negative leverage 18.7 Financial management 1.4-22 conflict of goal between management and owners 1.16-18 objectives of 1.10-18, 1.21-22 organisation of finance function 1.20-2 related disciplines 1.6-7 role of finance manager 1.22 scope of 1.7-10 Financial manager, key activities 1.9-10 Financial market 21.4 capital market 21.5 money market 21.5 Financial restructuring 33.50-2 Financial risk 18.10 Financial statement 6.1 Financial statement analysis/ financial analysis 6.1-45 (see also ratio analysis) Financing activities 5.15 Fixed assets turnover 6.34 Fixed costs 8.11 Flat rate of interest 2.28-9 Flexibility 20.12 Flexibility option 12.25 Flexible budgets 8.10-11 Float 14.20, 14.22 Bank 14.19 Deposit 14.20 Postal 14.19 Flotation costs 30.10 Floating rate bonds 23.10

Finance managers in India, role

Foreign currency bonds 36.27-28 Foreign currency exchangeable bonds 36.31-32 Foreign exchange beta coefficient 35.4 Foreign exchange dealings 34.4-13 Foreign exchange exposure 35.1-5 Foreign exchange markets 34.3-4 Foreign exchange risk management 35.5-15 external techniques 35.5-11 internal techniques 35.11-15 Forward and future contracts; differences 35.6 Forward contracts, foreign currencies 35.5 Forward rate at discount 34.7 Forward rate at premium 34.7 Forward rates 34.6-8 Free cash flows 32.13, 33.13-14 Free cash flows per equity share 32.15 Friendly takeover 33.34 Future maintainable profits 32.9 Future contracts 35.6 Future contracts, securities 28.3-8 payoffs 28.4-5 pricing 28.5-8 Geographical arbitrage 34.10

Global depository receipts, GDRs 36.31 Greenmail 33.49 Gordon's dividend model 30.17-19 Green shoe option 22.9 Gross profit margin 6.20-21 Gross working capital 13.4 Growth option 12.24 Growth ratios 6.39-42

Hedging approach 13.6 Hire-purchase versus instalment payment 25.22 Hire-purchase finance 25.21-27 conceptual framework 25.21-23 Historical weights 11.19-21 (see also weighted average cost of capital)

I.6 Index

HLL's corporate purpose 1.11 Holder of the option 35.7 Home-made leverage 19.13 Horizontal merger 33.2 Hostile takeover 33.49-50 Hurdle rate 11.2 Hybrid financing/instruments 24.1-9 convertible debentures/bonds 24.4-6 options 24.10-11 preference share capital 24.1-3 warrants 24.7-10 Hypothecation 17.4 ICRA rating symbols 23.15 Implicit cost 11.4, 19.8 Import lease 25.7 Incremental analysis 9.8 Incremental approach 10.4-6 (see also NPV and IRR) Incremental cash flows 9.8 Incremental projected free cash flows to the firm (FCFF) 33.13-18 Inconvenience cost 30.11 Independence of cash flows over time 12.16-17 Indexation clauses 35.12 Indian venture capital scenario 26.16-26 recommendations of SEBI (Chandrasekhar) Committee, 2000 25.17-21 SEBI FVCIs Regulations, 2000 26.21-23 SEBI VCFs Regulations, 1996 26.17-20 Indifference point/level 18.14-21 Indirect bankruptcy costs 19.20 Indirect quotation 34.5 Indivisible project 10.13-14 Inflation rates 34.12-3 Information to be placed before board of directors 29.8 Informational content of dividends 30.1, 31.5 Initial public offerings (IPOs) 22.5-6

Innovative debt instruments 23.8-10

Instruments of securitisation 23.20-21 pass through certificates 23.20 pay through security 23.21 stripped securities 23.21 Integrated ratios/analysis 6.34-38 Inter-corporate deposits 14.27 Interest coverage ratio 6.17 Interest rate futures 35.6-7 Interest rate parity theory 34.14 Interest rate risk 14.24 Interest rates 34.14 Interest swaps 35.9-10 Internal growth rate 6.39 Internal rate of return (IRR) method 9.36-40 accept-reject decision 9.37 computation 9.37-39 for a mixed stream of cash flows 9.38-39 for annuities 9.37 evaluation 9.40-41 Internal rate of return, leasing versus borrow-buying decisions 25.12, 25.15 International financial management 36.1-40 International lease 25.7 Intrinsic value 32.4, 35.9 Inventory 16.1 Inventory management 16.1-12 objectives 16.1-4 techniques 16.5-12 Inventory turnover ratio 6.8-9, 6.30-31 Investing activities 5.15 Investment decisions (see also capital budgeting) affecting revenue 9.5 reducing costs 9.5-6 Investment timing options 12.25 Investment turnover 6.34 Invoicing in desired currency 35.12 Issue price 22.2 Issued share capital 22.2 Items related to corporate governance to be included in annual reports 29.10-11

Just-in time inventory/production 16.14-5

concept 16.14 effect on costing system 16.15 financial benefits 16.14-15 performance measure 16.15 Lead time 16.10 Leading and lagging 35.11 Lease financing 25.1-21 classification 25.1-8 essentials 25.2-4 financial evaluation 25.10-21 limitations 25.10 meaning 25.1 significance 25.8-10 Lease versus hire purchase financing 25.22-23 Legal and procedural aspects of mergers/amalgamation and acquisition/takeovers 33.22-56 Legal, contractual and internal constraints and restrictions (see dividend policy) Letter of credit 17.4 Leverage 18.3 Leverage ratios 6.12-18 (see also capital structure ratios) Leveraged buyout 33.55 Leveraged lease 25.6-7 Lien 17.5 Line of credit 17.3 Lintner's approach (dividend) 31.6-7 Liquid funds 14.27 Liquidation value 4.13, 32.4 Liquidity 14.25 Liquidity hypothesis 31.15 Liquidity ratios 6.3 Loan amortisation schedule 23.3-4 Loan repayment schedule of annuities 2.26-8 Lock box system 14.21-22 Macroeconomics 1.4 Majority rule voting 22.3 Management buyouts (MBO)

33.55 Managerial Strategic options 12.24 Manufacturing cycle 13.13-4 Margin of safety 7.3-4

Marginal cost of capital 11.19-20, 11.23 Marginal weights 11.19-20, 11.23 Marked to market 35.6 Market imperfections 30.10 Market portfolio 3.17 Market price per share, MPS 32.12 Market value 22.2, 32.4, 33.6 Market value added approach 32.20-21 Market value based approach to valuation 32.19-20 Market value weights 11.21-23 Marketable securities 14.23-26 alternatives 14.25-27 meaning and characteristics 14.23 selection criterion 14.24-27 Marketability risk 31.6 Markowitz diversification 3.12 Master budget 8.3 Matching approach 13.6 Mergers 33.1-24 as a capital budgeting decision 33.12-18 determining the firm's value 33.5-8 economies of 33.3-5 financial framework 33.5-11 financing techniques 33.8-11 debt and preference shares 33.10-11 deferred payment plan 33.11-12 ordinary shares 33.9-10 tender offer 33.12 legal and procedure aspects 33.22-50 limitations 33.5 tax aspects 33.18-20 types of 33.2 Mezzanine/development capital 26.4 Microeconomics 1.4 Miller-Orr model 14.9-10 Minimum rate of return 11.2 Mixed costs 8.12 MM (Modigliani and Miller) approach

arbitrage process 19.14-16 assumptions 19.12 basic propositions 19.13 corporate taxes 19.18-19 leverage and cost of capital 19.11-18 limitations 19.16-18 MM (Modigliani and Miller) dividend approach 30.6-12 assumptions 30.6 critique 30.9-12 hypothesis 30.6-7 proof 30.7-9 investment policy 13.6 35.10-11 23.22-23 compensation 14.3-4 precautionary 14.2-3 speculative 14.3 transaction 14.2-3 decisions 36.1-10 management 36.20-22 cash management 36.20-22 credit management 36.22 currency centre 36.21-3 inventory management 36.23 decisions 9.6 9.24-26 30.12 THE DAY VY

Net advantage of leasing 25.11 Net assets 32.6 Net assets per share 32.7 Net income (NI) approach 19.4-7 Net operating income (NOI) approach 19.7-11 Net present value (NPV) method 9.34-36 Net present value versus profitability index 10.12 Net profit margin 6.21 Net worth 6.25 Netting 35.13 Modes of security 17.4-5 New issue market, functions Moderate current assets 21.9-10 New securities 21.6 Modified IRR method 10.9-10 Non-conventional cash flows Money market mutual funds 14.27 9.9-10 Money market operations Non-diversifiable risk 3.19 Non-mandatory requirements Monitoring expenditures 1.19 29.11-12 Monthly lease rentals 25.17 Normal curve 12.18 Mortgage 17.5 Normal probability distribution Mortgage backed securities 12.18 NPV and IRR methods 10.1-10 Motives for holding cash 14.2-4 a comparison 10.1 computational problems 10.10-11 difference 10.3-6 projects with unequal lives Multifactor linear model 3.28-29 10.5-6 Multilateral netting 35.14-16 reinvestment rate assumption Multinational capital budgeting 10.8-9 similarities 10.2 Multinational working capital size-disparity problem 10.3-4 time-disparity problem 10.4-5 Objective of corporate finance in India 1.20-21 Objectives of financial Mutually exclusive project management 1.10-18, 1.20-22 Obligors 23.19 Off-the balance-sheet financing Mutually exclusive proposals 17.17 Offer for sale 21.11-12 Naïve diversification 3.12 Old securities 21.6 Near versus distant dividends Operating activities 5.15 Operating cash flows 14.12-13 Negotiable certificates of deposit Operating cycle 13.10-11 14.25-26 Operating efficiency 13.17

Index I.7

I.8 Index

Operating expenses ratio 6.22 Operating exposure 35.4-5 Operating free cash flows 32.12-13 Operating lease 25.5 Operating leverage 18.4-7 computation 18.6-7 interpretation 18.5-6 meaning 18.4 Operating ratio 6.22 Operating risk 18.7 Opportunity cost (see cost of retained earnings) Opportunity cost 36.3 Optimal portfolio 3.19 Optimum capital structure 19.1, 19.8, 19.25 Option at money 35.8 Option in money 35.8 Option out of money 35.8 Option price 35.8 Option valuation 27.1-15 BS model 27.18-20 concept 27.3 factors affecting 27.14-15 option payoffs 27.10-11 types 27.4-9 Options, securities 28.8-14 payoffs 28.10-11 pricing 28.12-14 Order point problem 16.10-11 Ordering costs 16.2 Ordinary shares (see equity shares) 22.1-11 Organisation of finance function 1.20-22 Organisation of financial management function 1.21-22 Orgler's model 14.9-10 Over-the-counter market 35.8 Overall cost of capital (see weighted average cost of capital) Pac-man defence 33.49

Paid-up capital 22.2 Payback method 9.29-32 accept-reject criterion 9.28 computation 9.27-28 evaluation 9.28-29

14.28-9 ratio) a year 2.25

home-made leverage)

Payment mechanism in India evaluation 24.3 features 24.2-3 for time periods of less than 32.10-11

Public issue through prospectus 21.11 Payout ratio (see dividend payout Pecking-order theory 19.23-24 Put option 27.7-9, 35.8-9 Perfect capital markets 19.12 Performance shares 1.20 Permanent working capital 13.11 6.7-8 Perpetuities 2.18 Rating of debt instruments Pledge 17.5 23.11-17 Poison pill 33.49 Ratio analysis 6.1-46 activity 6.30-35 growth ratio 6.39-42 importance of 6.46 integtrated ratio 6.34-37 leverage 6.12 limitations of 6.46-47 liquidity 6.3-10 profitability 6.20-26 Rationale for direct foreign investment 36.2 Raw material turnover 6.31 Real cash flows 10.17 Real options 12.24-25 Real rate of discount 10.19 Receivables management 15.1-12 credit analysis 15.7-8 credit policies 15.3-6 credit terms 15.8-11 collection policies 15.12-14 objectives 15.1 Re-investment rates assumption (see NPV and IRR method) 10.8-9 Reinvoicing centre 35.16 Relaxed current assets investment policy 13.5 Relevant cash flows 9.7 Relevant market-33.24 Re-order point 16.10 Repatriation of profits 36.7 Repayments schedule 23.3-4 Replacement capital budgeting projects 9.20-22 Replacement value 32.5 Report on corporate governance

Personal leverage (see Placement method 21.12-13 Political risk 36.10 Portfolio 3.6-19 Postal float 14.19 Precautionary motive 14.2-3 Pre-emptive right 22.3 3.3-4, 12.16-21 6.10

Preference share capital 24.1-3 Present value of annuity payable Present value tables 2.12-13 Price band 22.7 profitability ratios) 6.20-26 accept-reject rule 9.42 evaluation 9.42 NPV and IRR methods) 10.5-7

Present value method 9.33-35 Price-earnings (PE) ratio 6.29, Primary lease 25.5

Price-enhancing effect 31.7 Private placement 23.16 Probability distribution approach Production cycle 13.13-14 Profit margin 6.20-21 Profit maximisation 1.12-14 Profitability analysis (see Profitability ratios 6.20-26 Profitability index 9.42-43 Projected daily cash requirement Projects with unequal lives (see Proportionate rule voting 22.3

Proprietary ratio 6.16 29.9

Purchasing power parity theory 34.14 Quick ratios (see acid-test ratios) Ranbaxy's missions and values 1.10-11

Repurchase agreements 14.26 Required rate of return 11.2 Residual theory of dividends 30.4-6 Return, defined 3.2 Return on assets (ROA) 6.23-24 Return on capital employed (ROCE) 6.25-26 Return on investment (ROI) 6.23 Return on ordinary shareholders' equity 6.25-26 Resolution of uncertainty 30.11-12 Revenue multiplier method 26.6 Reverse stock splits 31.14 Reverse synergy 33.53 Right issue 21.13 Risk 3.2 Risk-adjustment discount rate accept-reject decision 12.11-12 approach 12.11-12 evaluation 12.13 Risk and real options 12.24-25 abandonment option 12.24-5 flexibility option 12.25 growth option 12.24 timing option 12.25 Risk and return portfolio 3.6-12 selection 3.12-19 single asset 3.2-5 Risk and uncertainty (see capital budgeting) 12.1-22 Risk management practices in India 35.16-7 Risk-free interest rate 3.22 Risk of bankruptcy 20.5 Safety stock 16.10-12 Sale and lease back 25.6 Salvage value 32.5 Scenario analysis 12.6-7 Scoring and rating model of bank 17.5-8 SEBI Substantial Acquisition of Shares and Takeover Code 33.37-49 Secondary lease 25.5-6 Secured premium notes 23.9-10 Securitisation 23.17-25 assets characteristics 23.19

concept 23.17 credit enhancement 23.18-19 instruments of 23.20-1 parties to 23.18-19 process 23.17, 23.20 types of 23.21-23 23.22-23

ABC control) 16.5-6 1.17 and IRR) methods 10.3-15 capital budgeting)

Securitised debt instruments

Security market line 3.21-22 Selective inventory control (see Selling expenses ratio 6.22 Semi-variable costs 7.15 Sensitivity analysis 3.2, 12.3-6 Share buyback 31.16-21 Share premium 22.2 Share repurchase 31.16-21 Share splits in India 31.23 Shareholder orientation in India Short costs 14.5 Signalling theory 19.22-3 Simulation 12.7-8 Single investor lease 25.6 Single proposal 9.15-8 Signalling hypothesis 31.14 Size-disparity problem (see NPV Sophisticated techniques (see Special purpose vehicle 23.19 Specific expenses ratio 6.22-23 Speculative motive 14.3 Spin-off 33.53 Split-up 33.53 Spot markets 34.10-11 Spot rates 34.6-7 Spread 34.5 Stability of dividends 31.3-6 Standard deviation 12.9-10 Standard return 11.2 Stock dividend (see bonus shares) Stock exchanges, functions 21.7-8 Stock options 1.10-20 Stock splits 31.13-14 Strategic alliance 33.49 Straight stock split 31.14 Street sweep 33.49 Strike price 35.8 Structuring expenditures 1.20 Subscribed share capital 22.2

Index I.9

Sustainable growth rate 6.40 Swaps 35.9-10 Symmetric information 19.22 Synergy 33.3 Systematic risk 3.12 Takeovers 33.34-50 Target Company 33.33 Target debt-ratio 19.19 Target payout ratio 31.5 Target rate 11.2 Tax aspects related to amalgamation and mergers 33.18-22 Tax aspects related to demergers 33.20-22 Tax credit 36.5-6 Tax planning 20.13-14 Tax-timing hypothesis 31.15 Temporary working capital 13.11 Tendor/book building method 21.11 Tender offer 33.12 Term loans 23.2-7 covenants 23.2-3 evaluation 23.4 features 23.2 obtaining a term loan 23.4-6 Terminal value 33.13 Terminal value method 9.41-42 accept-reject decision 9.37 computation 9.37 evaluation 9.40 The first Chicago method 26.6 Time-adjusted techniques/ discounted cash flow techniques) 9.33-42 Time disparity problem (NPV and IRR methods) 10.4-5 Time preference for money 2.2 Time value of money 2.1-15 compounding technique 2.3-10 discounting technique 2.11-16 practical applications 2.18-20 rationale 2.2-3 Timing option 12.25 Tolerable exchange ratio 33.9 Total assets turnover 6.34 Total coverage ratios 6.18-19 Total risk (see combined leverage) trade credit 13.18-9, 18.20

I.10 Index

Trade credit 17.1-2 Trade credit management (see receivables management) Trade-off theory 19.22 Traditional approach 19.24-30 (see capital structure) Traditional techniques (see capital budgeting) 9.27-32 Trading on equity 6.14 Trading range hypothesis 31.14 Transaction cost 19.18, 30.11 Transaction exposure 35.2 Transaction motive 14.2 Translation exposure 35.2 Treasury bills 14.25 Triangular arbitrage 34.11 Tripartite lease 25.6 Triple taxation 36.6 Turnover ratio 6.8-6.10 Turnover ratio (see activity ratios)

Uncertainty 12.2 Uncommitted earnings per share 20.3 Underpricing 30.13 Under-valued and over-valued assets 3.23-4 Underwriting 22.4 Units 14.27 Unlevered cost of equity 33.16-7 Unlevering and relevering beta 3.23 Unsystematic risk 3.21-22

Valuation of long-term securities 4.1-12 debentures/bonds 4.3-8 equity shares 4.9-12 60 S.MT

preference shares 4.8 Valuation of debentures/bonds 4.3-8

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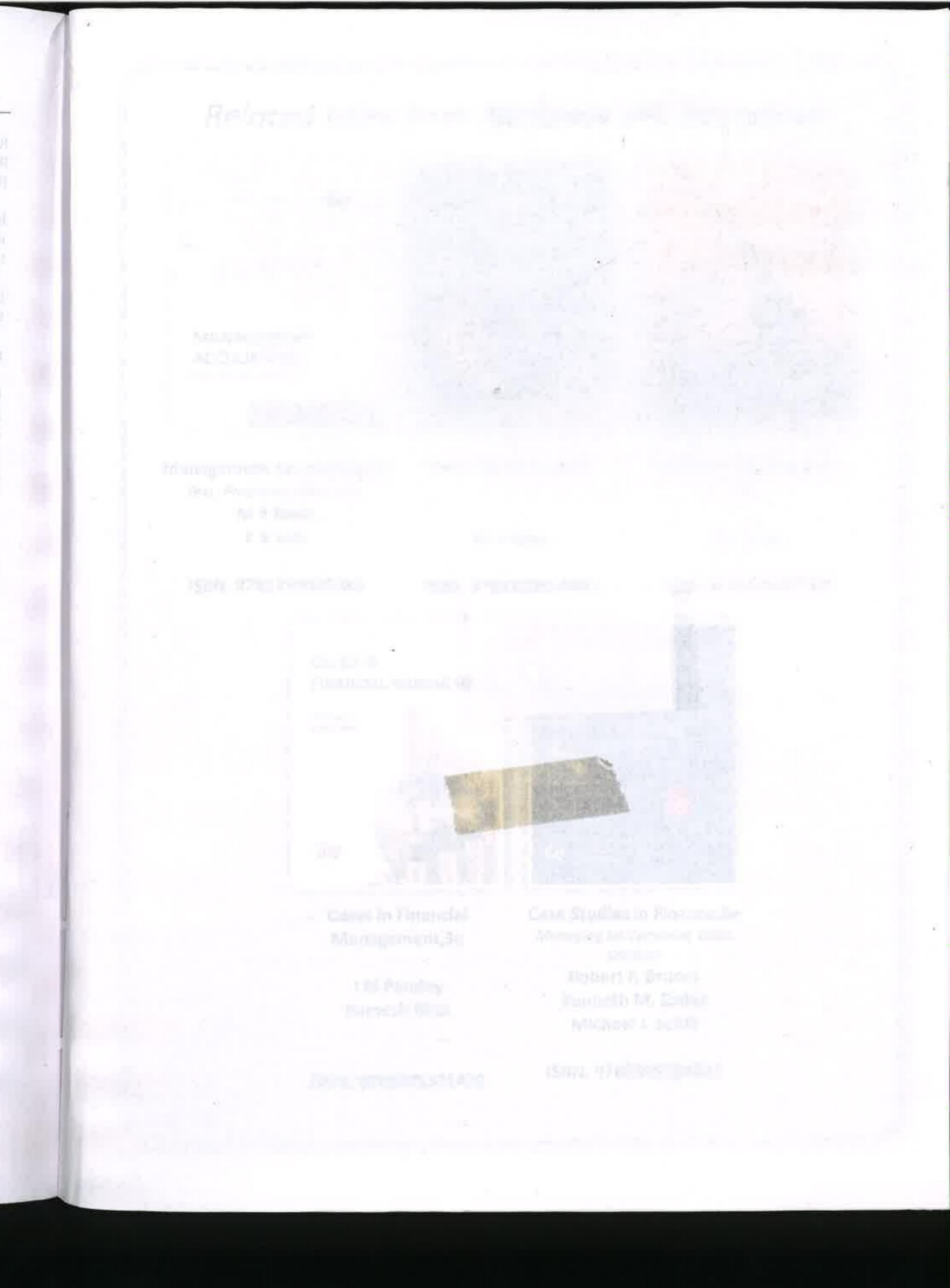
Valuation of equity/ordinary shares 4.9-12

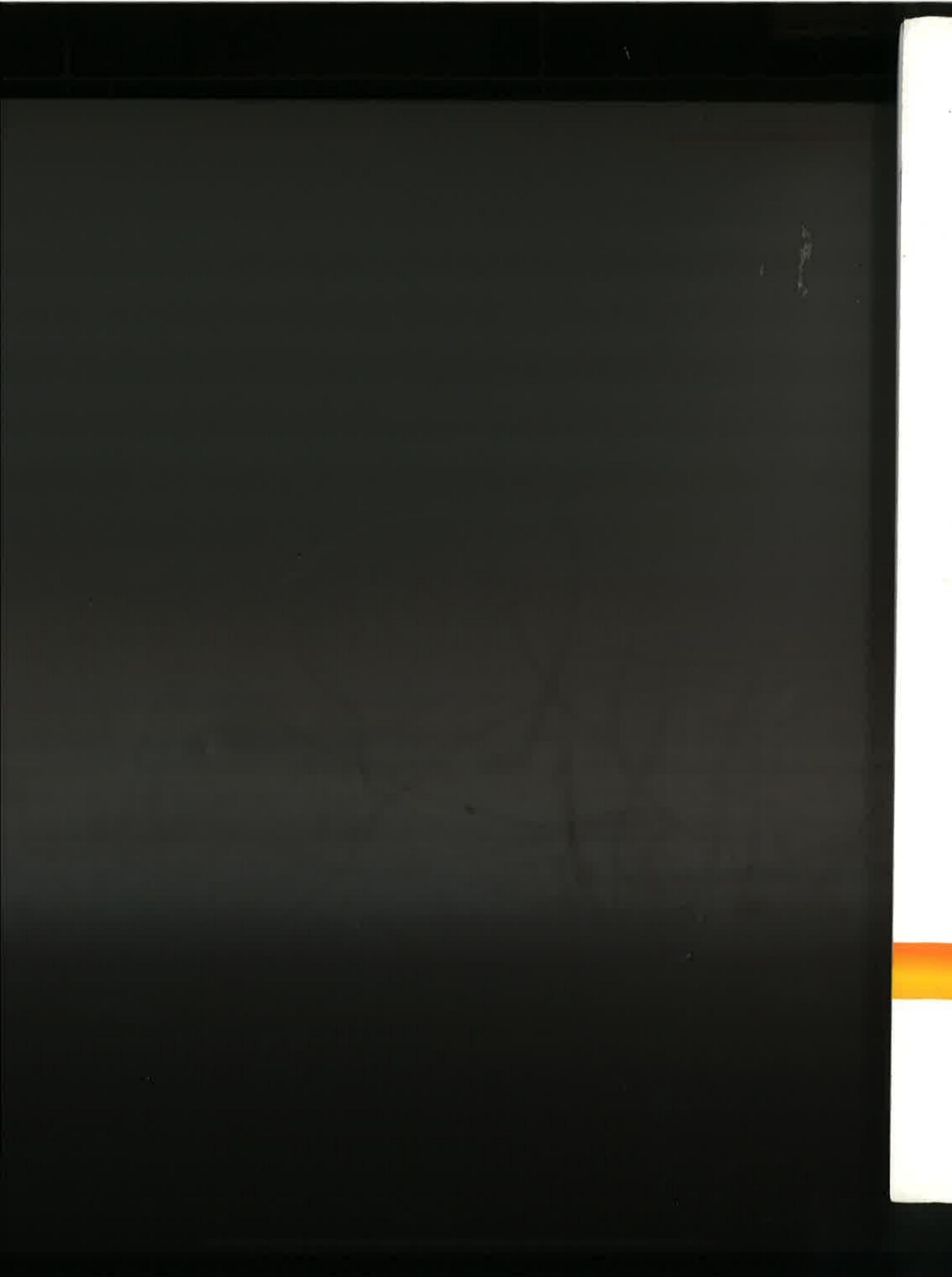
Valuation of tax shield 33.5 Valuation of venture capital portfolio 26.10-12 Valuation, defined 32.3 Value maximisation (see net present worth maximisation) Variable costs 8.12 Variable growth model 4.10-12 Exit 26.14-16 ABC CONU features 26.2-3 Indian venture capital scenario 26.16-26 investment nurturing/after care 26.8-10 selection of investment 26.3-7 structural aspects 26.12-13 valuation of portfolio 26.10-12 Vertical merger 33.2 Volume of international reserves 34.15 application of 7.5-9 break-even analysis 7.1-16 break-even (VCP) chart 7.10-16 cash break-even point 7.14-16 contribution margin approach 7.2 equation technique 7.4-5 Volume-cost-profit graph 7.10-16 Walter's dividend model 30.13-17 Warrants 24.7-10 features 24.8 price 24.8 types 24.8 value 24.9 Springer Siles 12 Wealth maximisation 1.14-7 Weighted average cost of capital

Valuation of preference shares 4.8 historical versus marginal Whistle Blower Policy 29.5 White Knight 33.50 White Squire 33.50 Window dressing 6.11 Withholding taxes 36.4% Venture capital financing 26.1-23 flows 9.14-15 financing 17.1-20 bank credit 17.3-5 factoring 17.14-20 trade credit 17.1-2 operations 5.11-3 Working capital management 13.3-20 financing mix 13.6-9 hedging approach 13.6 Volume-cost-profit analysis 7.1-16 approaches-trade off 13.7-8 profitability risk trade off 13.8 planning of 13.10-20 computation 13.17-8 determinants 13.13-17 need 13.10-12 Working capital turnover ratio 6.34 Writer of the option 35.8 Yield 14.25 Yield to maturity 4.6-8 Zero coupon bonds 23.9 Zero growth model 4.9 11.2, 11.18-23 Zero interest bonds/debentures book value versus market 23.89 value weights 11.21-23 Zero working capital 13.5



weights 11.19-20, 11.22 Work-in-progress turnover 6.31 Working capital effect on cash commercial papers 17.9-10 Working capital from business conservative approach 13.7 hedging and conservative







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