

Table of Contents

| | |
|--|-------------|
| <i>Preface</i> | <i>iii</i> |
| <i>Introduction</i> | <i>xiii</i> |
| Chapter 1: Financial Management - an Overview | 1 |
| 1.1 Introduction | 2 |
| 1.2 Definition of Finance..... | 2 |
| 1.3 Scope of Finance | 3 |
| 1.4 Functions of Finance | 3 |
| 1.5 Organizing Finance Function | 5 |
| 1.5.1 Functions of a Finance Manager..... | 5 |
| 1.5.2 Duties of Finance Manager..... | 6 |
| 1.5.3 Functions of a Controller | 7 |
| 1.5.4 Functions of a Treasurer | 7 |
| 1.6 Concept of Financial Management..... | 8 |
| 1.7 Changing Scenario of Financial Management..... | 9 |
| 1.8 Objectives of Financial Management..... | 9 |
| 1.8.1 Profit Maximization | 9 |
| 1.8.2 Wealth Maximization | 10 |
| 1.8.3 Difference between Profit Maximization and Wealth Maximization | 11 |
| 1.8.4 Value Maximization..... | 12 |
| 1.9 Summary..... | 14 |
| 1.10 Key Terms | 14 |
| 1.11 Exercise | 14 |
| Multiple Choice Questions..... | 14 |
| Short Answer Type Questions | 16 |
| Long Answer Type Questions..... | 19 |
| Chapter 2: Long-Term Financing | 23 |
| 2.1 Introduction | 24 |
| 2.2 Financial Market | 24 |
| 2.2.1 Capital Market | 25 |
| 2.2.2 Money Market | 27 |
| 2.3 Long-Term Sources of Finance: Shares, Debentures and Term Loans..... | 28 |
| 2.3.1 Shares..... | 28 |
| 2.3.2 Debentures..... | 31 |
| 2.3.3 Difference between Shares and Debentures | 32 |

| | | |
|--|--|-----------|
| 2.3.4 | Term Loans..... | 33 |
| 2.4 | Medium-Term Sources of Finance | 34 |
| 2.4.1 | Lease Finance..... | 34 |
| 2.4.2 | Hire Purchase..... | 36 |
| 2.4.3 | Venture Capital..... | 36 |
| 2.4.4 | Public Deposits | 37 |
| 2.4.5 | Retained Earnings..... | 37 |
| 2.5 | Summary..... | 39 |
| 2.6 | Key Terms | 39 |
| 2.7 | Exercise | 40 |
| | Multiple Choice Questions..... | 40 |
| | Short Answer Type Questions | 42 |
| | Long Answer Type Questions..... | 45 |
| Chapter 3: Short-Term Financing | | 55 |
| 3.1 | Introduction | 56 |
| 3.2 | Short-Term Financing | 56 |
| 3.2.1 | Objectives of Short-Term Financing | 56 |
| 3.2.2 | Need of Short-Term Financing..... | 57 |
| 3.2.3 | Advantages and Disadvantages of Short-Term Financing..... | 57 |
| 3.3 | Sources of Short-Term Financing..... | 58 |
| 3.3.1 | Trade Credit | 58 |
| 3.3.2 | Customer Advances | 59 |
| 3.3.3 | Installment Credit | 59 |
| 3.4 | Agencies providing Short-Term Financing..... | 60 |
| 3.4.1 | Commercial Bank | 60 |
| 3.4.2 | Co-Operative Bank | 63 |
| 3.4.3 | National Bank for Agriculture and Rural Development (NABARD) | 63 |
| 3.5 | Instruments for Short-Term Financing..... | 64 |
| 3.5.1 | Commercial Papers..... | 64 |
| 3.5.2 | Certificate of Deposits | 65 |
| 3.5.3 | Bills of Exchange | 65 |
| 3.6 | Factoring | 65 |
| 3.6.1 | Nature of Factoring..... | 66 |
| 3.6.2 | Functions of a Factor..... | 67 |
| 3.6.3 | Advantages and Disadvantages of Factoring..... | 67 |
| 3.7 | Summary..... | 68 |
| 3.8 | Key Terms | 68 |
| 3.9 | Exercise | 68 |
| | Multiple Choice Questions..... | 68 |
| | Short Answer Type Questions | 71 |
| | Long Answer Type Questions..... | 73 |
| Chapter 4: Concepts of Organizational Health and Financial Analysis | | 79 |
| 4.1 | Introduction | 80 |
| 4.2 | Parameters for Determining Organizational Health | 80 |
| 4.2.1 | Profitability..... | 81 |
| 4.2.2 | Liquidity | 83 |
| 4.2.3 | Solvency and Efficiency | 85 |

| | | |
|---|--|------------|
| 4.3 | Tools of Financial Analysis..... | 87 |
| 4.3.1 | Percentile Financial Planning..... | 87 |
| 4.3.2 | Common Size Statement | 87 |
| 4.3.3 | Comparative Statement | 89 |
| 4.3.4 | Ratio Analysis..... | 91 |
| 4.3.5 | Du Pont Analysis..... | 95 |
| 4.4 | Solved Illustrations | 96 |
| 4.5 | Summary..... | 110 |
| 4.6 | Recapitulation of Formulae..... | 111 |
| 4.7 | Key Terms | 112 |
| 4.8 | Exercise | 112 |
| | Multiple Choice Questions..... | 112 |
| | Short Answer Type Questions | 114 |
| | Long Answer Type Questions..... | 117 |
| 4.9 | Numerical Problems..... | 123 |
| Chapter 5: Cash Flow and Funds Flow Statements | | 129 |
| 5.1 | Introduction | 130 |
| 5.2 | Cash Flow Statement | 130 |
| 5.2.1 | Methods for Preparing Cash Flow Statement..... | 131 |
| 5.2.2 | Advantages and Disadvantages of Cash Flow Statement..... | 134 |
| 5.2.3 | Solved Illustrations | 135 |
| 5.3 | Concept of Fund | 136 |
| 5.3.1 | Sources of Funds | 137 |
| 5.3.2 | Application of Funds | 138 |
| 5.4 | Funds Flow Statement..... | 139 |
| 5.4.1 | Method of Preparing Funds Flow Statement..... | 139 |
| 5.4.2 | Importance and Limitations of Funds Flow Statement..... | 144 |
| 5.5 | Difference between the Cash Flow and Funds Flow Statements | 158 |
| 5.6 | Summary..... | 161 |
| 5.7 | Key Terms | 161 |
| 5.8 | Exercise | 161 |
| | Multiple Choice Questions..... | 161 |
| | Short Answer Type Questions | 163 |
| | Long Answer Type Questions..... | 166 |
| 5.9 | Numerical Problems..... | 172 |
| Chapter 6: Leverages | | 179 |
| 6.1 | Introduction | 180 |
| 6.2 | Exploring the Concept of Leverage in Finance | 180 |
| 6.2.1 | Exploring Financial Leverage | 181 |
| 6.2.2 | Exploring Operating Leverage..... | 185 |
| 6.2.3 | Exploring Combined Leverage | 187 |
| 6.3 | Summary..... | 196 |
| 6.4 | Recapitulation of Formulae..... | 196 |
| 6.5 | Key Terms | 197 |
| 6.6 | Exercise | 197 |
| | Multiple Choice Questions..... | 197 |
| | Short Answer Type Questions | 199 |

| | | |
|---|---|------------|
| | Long Answer Type Questions | 201 |
| 6.7 | Numerical Problems..... | 204 |
| Chapter 7: Financial Business Decisions..... | | 207 |
| 7.1 | Introduction | 208 |
| 7.2 | Analyzing Financial Business Decisions | 208 |
| 7.2.1 | Cost-Volume-Profit Analysis..... | 208 |
| 7.2.2 | Break-Even Analysis..... | 210 |
| 7.2.3 | Marginal Costing | 215 |
| 7.2.4 | Margin of Safety..... | 215 |
| 7.3 | Solved Illustrations | 219 |
| 7.4 | Summary..... | 240 |
| 7.5 | Recapitulation of Formulae..... | 241 |
| 7.6 | Key Terms | 241 |
| 7.7 | Exercise | 242 |
| | Multiple Choice Questions..... | 242 |
| | Short Answer Type Questions | 244 |
| | Long Answer Type Questions..... | 247 |
| 7.8 | Numerical Problems..... | 249 |
| Chapter 8: Budget: Concept and Types..... | | 253 |
| 8.1 | Introduction | 254 |
| 8.2 | Concept of Budget..... | 254 |
| 8.3 | Types of Budget | 256 |
| 8.3.1 | Performance Budget..... | 257 |
| 8.3.2 | Fixed Budget | 258 |
| 8.3.3 | Flexible Budget..... | 259 |
| 8.3.4 | Incremental Budget..... | 259 |
| 8.3.5 | Zero-Based Budgeting (ZBB) | 259 |
| 8.3.6 | Rolling Budget | 261 |
| 8.3.7 | Cash Budget..... | 261 |
| 8.4 | Solved Illustrations | 261 |
| 8.5 | Summary..... | 268 |
| 8.6 | Key Terms | 268 |
| 8.7 | Exercise | 269 |
| | Multiple Choice Questions..... | 269 |
| | Short Answer Type Questions | 271 |
| | Long Answer Type Questions..... | 274 |
| 8.8 | Numerical Problems..... | 276 |
| Chapter 9: Capital Structure Management..... | | 283 |
| 9.1 | Introduction | 284 |
| 9.2 | Capital Structure Management..... | 284 |
| 9.2.1 | Internal Factors affecting Capital Structure Management | 285 |
| 9.2.2 | External Factors affecting Capital Structure Management..... | 285 |
| 9.2.3 | General Factors affecting Capital Structure Management | 285 |
| 9.3 | Capitalization | 286 |
| 9.3.1 | Over-Capitalization | 286 |
| 9.3.2 | Under-Capitalization | 287 |

| | | |
|--|---|------------|
| 9.4 | Theories of Capital Structure Management | 288 |
| 9.4.1 | Net Income Approach..... | 288 |
| 9.4.2 | Net Operating Income Approach..... | 289 |
| 9.4.3 | Modigliani-Miller Approach..... | 290 |
| 9.4.4 | Traditional Approach | 290 |
| 9.5 | Cost of Capital | 291 |
| 9.5.1 | Cost of Debt Capital | 292 |
| 9.5.2 | Cost of Preference Capital | 292 |
| 9.5.3 | Cost of Equity Capital..... | 293 |
| 9.5.4 | Cost of Retained Earnings | 297 |
| 9.5.5 | Weighted Average Cost of Capital..... | 297 |
| 9.5.6 | Marginal Cost of Capital..... | 299 |
| 9.6 | Solved Illustrations | 300 |
| 9.7 | Summary..... | 306 |
| 9.8 | Recapitulation of Formulae..... | 306 |
| 9.9 | Key Terms | 307 |
| 9.10 | Exercise | 307 |
| | Multiple Choice Questions..... | 307 |
| | Short Answer Type Questions | 309 |
| | Long Answer Type Questions..... | 312 |
| 9.11 | Numerical Questions..... | 321 |
| Chapter 10: Concept of Time Value of Money..... | | 325 |
| 10.1 | Introduction | 326 |
| 10.2 | Time Value of Money..... | 326 |
| 10.3 | Future Value of Cash Flow | 327 |
| 10.3.1 | Future Value of Single Cash Flow | 327 |
| 10.3.2 | Future Value of Annuity | 329 |
| 10.4 | Present Value of Cash Flow | 330 |
| 10.4.1 | Present Value of Single Cash Flow..... | 330 |
| 10.4.2 | Present Value of Annuity | 332 |
| 10.5 | Net Present Value of Cash Flow | 333 |
| 10.6 | Determining Internal Rate of Return | 334 |
| 10.6.1 | Implication of IRR under Different Conditions | 335 |
| 10.6.2 | Evaluation of IRR..... | 335 |
| 10.7 | Project Selection and Evaluation | 336 |
| 10.8 | Capital Rationing..... | 336 |
| 10.9 | Capital Budgeting..... | 337 |
| 10.10 | Evaluation of Capital Budgeting..... | 337 |
| 10.10.1 | Traditional Methods | 338 |
| 10.10.2 | Time-Framed Methods..... | 338 |
| 10.11 | Solved Illustrations | 339 |
| 10.12 | Summary..... | 349 |
| 10.13 | Key Terms | 349 |
| 10.14 | Exercise | 349 |
| | Multiple Choice Questions..... | 349 |
| | Short Answer Type Questions | 352 |
| | Long Answer Type Questions..... | 354 |
| 10.15 | Numerical Questions..... | 356 |

| | |
|---|------------|
| Chapter 11: Working Capital Management | 359 |
| 11.1 Introduction | 360 |
| 11.2 Concept of Working Capital Management..... | 360 |
| 11.3 Principles of Working Capital Management..... | 361 |
| 11.4 Factors Affecting Working Capital Management | 362 |
| 11.5 Working Capital and Operating Cycle | 363 |
| 11.6 Financing of Working Capital Requirement..... | 364 |
| 11.7 Recommendations of Committees on Working Capital Management..... | 365 |
| 11.8 Solved Illustrations | 366 |
| 11.9 Summary..... | 373 |
| 11.10 Key Terms | 374 |
| 11.11 Exercise | 374 |
| Multiple Choice Questions..... | 374 |
| Short Answer Type Questions | 376 |
| Long Answer Type Questions..... | 380 |
| 11.12 Numerical Questions..... | 384 |
| Chapter 12: Dividend Policy | 391 |
| 12.1 Introduction | 392 |
| 12.2 Dividend Policy | 392 |
| 12.3 Approaches to Dividend Policy..... | 393 |
| 12.3.1 Irrelevance Approach (Modigliani and Miller) | 393 |
| 12.3.3 Relevance Approach (Walter and Gordon) | 394 |
| 12.4 Factors Determining Dividend Policy | 396 |
| 12.5 Types of Dividend Policy | 397 |
| 12.6 Forms of Dividend Payment | 398 |
| 12.7 Summary..... | 399 |
| 12.8 Key Terms | 399 |
| 12.9 Exercise | 400 |
| Multiple Choice questions..... | 400 |
| Short Answer Type Questions | 402 |
| Long Answer Type Questions..... | 404 |
| Chapter 13: Receivables and Inventory Management | 407 |
| 13.1 Introduction | 408 |
| 13.2 Concept of Receivables Management..... | 408 |
| 13.3 Objectives of Receivables Management..... | 408 |
| 13.3.1 The Cost of Receivables..... | 409 |
| 13.3.2 The Benefits of Receivables | 409 |
| 13.4 Credit Policies | 410 |
| 13.5 Credit Terms..... | 410 |
| 13.5.1 Credit Period..... | 411 |
| 13.5.2 Cash Discount | 411 |
| 13.6 Collection Policies | 412 |
| 13.7 Concept of Inventory Management..... | 412 |
| 13.8 Objectives of Inventory Management..... | 413 |
| 13.8.1 Cost of Holding Inventory | 413 |
| 13.8.2 Benefits of Holding Inventory | 413 |
| 13.9 Tools and Techniques of Inventory Management..... | 414 |

| | | |
|--------------------|---|------------|
| 13.9.1 | Stock Levels..... | 414 |
| 13.9.2 | VED Analysis..... | 415 |
| 13.9.3 | FSD Analysis..... | 415 |
| 13.9.4 | Just in Time (JIT) Inventory Management..... | 415 |
| 13.9.5 | A B C System..... | 416 |
| 13.9.6 | Economic Order Quantity (EOQ) Model..... | 416 |
| 13.10 | Reorder Point..... | 417 |
| 13.11 | Safety Stock..... | 418 |
| 13.12 | Solved Illustrations..... | 418 |
| 13.13 | Summary..... | 430 |
| 13.14 | Key Terms..... | 430 |
| 13.15 | Exercise..... | 430 |
| | Multiple Choice Questions..... | 430 |
| | Short Answer Type Questions..... | 432 |
| | Long Answer Type Questions..... | 436 |
| Chapter 14: | Corporate Restructuring and Mergers..... | 443 |
| 14.1 | Introduction..... | 444 |
| 14.2 | Concept of Corporate Restructuring..... | 444 |
| 14.3 | Types of Mergers..... | 445 |
| 14.4 | Benefits of Mergers..... | 446 |
| 14.5 | Determining the Organization's Value..... | 446 |
| | 14.5.1 Book Value..... | 447 |
| | 14.5.2 Appraisal Value..... | 447 |
| | 14.5.3 Market Value..... | 447 |
| | 14.5.4 Earnings per Share..... | 447 |
| 14.6 | Financing Techniques in Mergers..... | 448 |
| 14.7 | Merger as a Capital Budgeting Decision..... | 448 |
| 14.8 | Tax Aspects Related to Merger..... | 449 |
| 14.9 | Legal and Procedural Aspects of Mergers..... | 450 |
| 14.10 | Solved Illustrations..... | 450 |
| 14.11 | Summary..... | 455 |
| 14.12 | Key Terms..... | 455 |
| 14.13 | Exercise..... | 456 |
| | Multiple Choice Questions..... | 456 |
| | Short Answer Type Questions..... | 458 |
| | Long Answer Type Questions..... | 461 |
| Chapter 15: | Risk and Return Analysis..... | 463 |
| 15.1 | Introduction..... | 464 |
| 15.2 | Risk and Return of Single Assets..... | 464 |
| | 15.2.1 Sensitivity Analysis..... | 465 |
| | 15.2.2 Probability Distribution..... | 465 |
| | 15.2.3 Standard Deviation..... | 466 |
| | 15.2.4 Coefficient of Variation..... | 466 |
| 15.3 | Return and Risk of Portfolio..... | 466 |
| 15.4 | Selection of Portfolio..... | 467 |
| | 15.4.1 Technical Aspect..... | 467 |
| | 15.4.2 Personal Aspect..... | 468 |

| | | |
|---|---|------------|
| 15.5 | Capital Asset Pricing Model (CAPM) | 468 |
| 15.6 | Risk Evaluation Methods | 469 |
| 15.6.1 | Discount Rate Method..... | 470 |
| 15.6.2 | Certainty-Equivalent Method | 470 |
| 15.6.3 | Decision-tree Method..... | 470 |
| 15.7 | Solved Illustrations | 471 |
| 15.8 | Summary..... | 477 |
| 15.9 | Key terms | 477 |
| 15.10 | Exercise | 477 |
| | Multiple Choice Questions..... | 477 |
| | Short Answer Type Questions | 479 |
| | Long Answer Type Questions..... | 482 |
| Chapter 16: Management of Cash and Marketable Securities | | 485 |
| 16.1 | Introduction | 486 |
| 16.2 | Objectives of Cash Management | 486 |
| 16.3 | Motives for Holding Cash | 486 |
| 16.4 | Cash Budgeting | 487 |
| 16.5 | Factors Determining Cash Needs..... | 488 |
| 16.6 | Techniques of Cash Management | 488 |
| 16.7 | Marketable Securities..... | 490 |
| 16.7.1 | Factors Determining Selection of Marketable Securities | 490 |
| 16.7.2 | Types of Marketable Securities | 491 |
| 16.8 | Solved Illustrations | 492 |
| 16.9 | Summary..... | 499 |
| 16.10 | Key Terms | 499 |
| 16.11 | Exercise | 499 |
| | Multiple Choice Question..... | 499 |
| | Short Answer Type Questions | 502 |
| | Long Answer Type Questions..... | 504 |
| Case Studies | | 507 |
| | Case Study-1: Impact of Global Financial Crisis on Indian Economy | 507 |
| | Case Study-2: South-East Asian Crisis | 511 |
| | Case Study-3: BSL Company Ltd. | 516 |
| | Case Study-4: Red Berry Energy Limited | 520 |
| | Case Study-5: Red Steel Authority of India Limited..... | 524 |
| Additional Questions | | 529 |
| Glossary..... | | 539 |
| Index | | 545 |