

CONTENTS

Acknowledgments	iii
Preface	v
Figures	xv
CHAPTER 1	
Introduction to Financial Management	1
Intended Learning Outcomes	2
What Is Finance?	2
Shareholder Wealth Maximization	4
The Rise of Stakeholder Capitalism	4
Forms of Business Organizations	5
Role of Financial Management in Firms	6
Career Options in Financial Management	9
Summary	10
Discussion Questions	11
Multiple Choice Questions	13
CHAPTER 2	
Financial Statements Analysis	15
Intended Learning Outcomes	17
Financial Statements	18
Importance of Financial Statement Analysis	18
Trend Analysis	18
Year-over-Year Change	19
Compound Annual Growth Rate	19
Index Method	20

Common-Size Analysis	21
Illustration of Common-Size Analysis	22
Limitations of Common-Size Analysis	23
Financial Ratio Analysis	23
Profitability Ratios	23
Liquidity Ratios	28
Solvency (Leverage) Ratios	33
Altman's Z-Score: Measuring Liquidity and Solvency	39
Activity Ratios	40
Market Valuation Ratios	48
Other Financial Ratios	55
DuPont Analysis	58
Analyzing Free Cash Flows	61
Calculating FCF from Operating Profit	61
Calculating FCF from Operating Cash Flows	62
Free Cash Flows to Equity	62
Comprehensive Illustration: Jollibee's Free Cash Flows	65
Financial Ratios Using Free Cash Flows	65
Limitations of Financial Statements Analysis	68
A Final Word on Jollibee	68
Gross Profit Variance Analysis	69
Four-Way Analysis	69
Three-Way Analysis	71
Six-Way Analysis	71
Analytical Model	72
Limitations of Gross Profit Variance Analysis	74
Extension 1: If Unit Prices or Volumes Are Not Provided	74
Illustration	75
Extension 2: Further Analysis of Sales Variances	76
Illustration	77
Summary	79
Discussion Questions	79
Practice Problem	80
Multiple Choice Questions	81

CHAPTER 3

Financial Planning and Forecasting 93

Intended Learning Outcomes	94
What Is a Financial Plan?	94
What Are the Steps Involved in Developing a Financial Plan?	95
Forecasting Sales	95
Illustrative Problems on Forecasting Sales	96
Additional Funds Needed	98
Pro Forma Financial Statement Method	98
AFN equation method	103
Is Negative AFN Possible?	109
Simple Linear Regression	110
Illustrative Problem 1	110
Illustrative Problem 2	111
Summary	112
Discussion Questions	112
Practice Problem (Gitman, Adapted)	113
Multiple Choice Questions	115

CHAPTER 4

Capital Structure and the Cost of Capital 119

Intended Learning Outcomes	120
Capital Structure	120
Capital Components	120
Cost of Debt	121
Cost of Preferred Stock	125
Cost of Common Stock	126
Impact of Flotation Costs	139
Cost of Debt	140
Cost of Preferred Stock	141
Cost of Common Stock	141
The Weighted Average Cost of Capital (WACC)	142

Comprehensive Illustration of Cebu Air's WACC.	143
The Marginal Cost of Capital (MCC)	145
Retained Earnings Breakpoint	146
Long-Term Debt Breakpoint	146
Preferred Stock Breakpoint	147
Marginal Cost of Capital (MCC) Structure	147
A Final Word on Cebu Pacific	147
Summary.	148
Discussion Questions.	148
Practice Problem	149
Multiple Choice Questions.	151
Appendix 4.1: Calculating Covariance.	159
Appendix 4.2: Calculating Variance and Standard Deviation	160
Appendix 4.3: Approximating the nth Root of Any Number	161

CHAPTER 5

Capital Budgeting 163

Intended Learning Outcomes	164
What Is Capital Budgeting?	164
Types of Capital Projects	165
Basic Principles in Capital Budgeting	166
Steps in Capital Budgeting	167
Relevant Cash Flows	168
Non-discounted Capital Budgeting Techniques.	168
Payback Period (PBP)	168
Payback Reciprocal	172
Bailout Payback	173
Accounting Rate of Return (ARR)	175
Discounted Capital Budgeting Techniques.	179
Discounted Payback Period	179
Discounted Bailout Payback	182
Net Present Value (NPV)	184
Profitability Index (PI)	187

Internal Rate of Return (IRR)	188
Modified Internal Rate of Return (MIRR)	193
Comparison of Capital Budgeting Techniques	196
NPV Profiles	197
NPV Crossover Rate	198
Evaluating Projects with Different Lives	202
Replacement Chain NPV	203
Equivalent Annual Annuity (EAA)	204
Advantages and Limitations	205
Sensitivity Analysis	206
Capital Budgeting in Practice	208
Alternative Approaches to Capital Budgeting	209
A Final Word on PLDT	210
Summary	210
Discussion Questions	210
Practice Problems	211
Multiple Choice Questions	215

CHAPTER 6

Risk and Leverage	223
Intended Learning Outcomes	224
Risks	224
Operating Leverage	226
Financial Leverage	231
Combining Operating Leverage and Financial Leverage	233
Hamada Equation	234
Optimal Capital Structure	235
Summary	236
Discussion Questions	237
Practice Problems	237
Multiple Choice Questions	241

CHAPTER 7

Hybrid Financing

	243
Intended Learning Outcomes	244
Hybrid Financing	244
Types of Hybrid Financing	245
Advantages and Disadvantages of Hybrid Financing	253
Hybrid Financing in Practice	253
Future of Hybrid Financing	257
Summary	258
Discussion Questions	258
Practice Problems	258
Multiple Choice Questions	261

CHAPTER 8

Dividend Policy

	263
Intended Learning Outcomes	264
What Is Dividend Policy?	264
Three Optimal Payout Theories	265
Residual Dividend Model	269
Illustration	269
Dividend Reinvestment Plans	270
Low-Regular-Dividends-plus-Extra Policy	271
Dividend Policy Takeaways	271
Stock Repurchases	272
Principal Types of Repurchases	272
Advantages of Repurchases	272
Disadvantages of Repurchases	274
Illustrative Problem on Stock Repurchase	274
Stock Dividends and Splits	276
Why Split the Stock or Pay a Stock Dividend?	277
Illustration	277

Summary	278
Discussion Questions	278
Practice Problem	279
Multiple Choice Questions	281

CHAPTER 9

Working Capital Management—Part 1 (Working Capital Policies and Managing Current Assets)

Intended Learning Outcomes	286
What Is Working Capital Management?	286
Objectives of Working Capital Management	287
Importance of Working Capital Management	287
Advantages of Maintaining Working Capital	288
Disadvantages of Keeping Excessive or Redundant Working Capital	288
Current Asset Investment Policies	289
Relaxed (Liberal) Investment Policy	289
Restricted (Tight or “Lean and Mean”) Investment Policy	290
Moderate (Balanced) Investment Policy	290
Implications	290
Current Asset Financing Policies	290
Conservative Financing Policy	291
Aggressive Financing Policy	292
Maturity Matching Financing Policy	293
Implications	294
Illustrative Problems	294
Problem #1: Working Capital Policy (Current Asset Investment Policy)	294
Problem #2: Working Capital Policy (Current Asset Financing Policy)	295
Managing Current Assets	296
Cash and Marketable Securities Management	296

Summary.....	319
Discussion Questions.....	319
Practice Problem.....	319
Multiple Choice Questions.....	321

CHAPTER 10

Working Capital Management—Part 2 (Financing Current Assets)

Intended Learning Outcomes.....	328
Current Asset Financing.....	328
Sources of Short-Term Financing.....	329
Summary.....	338
Discussion Questions.....	339
Practice Problem.....	339
Multiple Choice Questions.....	341
Glossary.....	345
Bibliography.....	370
Index.....	376