

Table of Contents

Chapter 1	Introduction	
	Concept and Purpose of Accounting	1
	Users of Accounting Information	1
	Internal Users	2
	External Users	2
	Branches of Accounting	3
	Financial Accounting	3
	Management Accounting	3
	Cost Accounting	4
	Need and Objectives for Management Accounting Information	4
	Difference between Management Accounting and Financial Accounting	5
	Difference between Management Accounting and Cost Accounting	6
	Scope of Management Accounting	6
	Accounting Position in the Organization	7
	Line and Staff Authority	7
	The Controller	8
	The Treasurer	8
	Changing Role of Management Accounting	9
	Advantages of Management Accounting	12
	Limitations of Management Accounting	12
	Professional Ethics/ Code of Conduct of Management Accountant	13
	Theoretical Questions	14
Chapter 2	Cost: Accumulation, Classification, Estimation and Allocation	
	Cost and Cost Accumulation	15
	General Cost Classifications	15
	Manufacturing Costs	16
	Non-manufacturing Costs	17
	Period Costs vs. Product Costs	17
	Cost Classifications on Financial Statements	18
	Costs Classification for Predicting Cost Behaviour	20
	Cost Classification for Assigning Cost to Cost Objects	23
	Cost Classification for Decision Making	23
	Cost Segregation and Cost Estimation	26
	Method of Cost Segregation	26
	Cost Allocation	37

Traditional Costing	37
Activity Based Costing System	47
Allocation of Joint Cost	51
Theoretical Questions	56
Practical Problems	57

Chapter 3 Income: Recognition, Measurement and Reporting

Concept	7
Period Costs and Product Costs	67
Variable/Direct Costing Method	68
Absorption Costing Method	69
The Controversy over Fixed Overhead Cost	69
Under/Over Absorption of Fixed Manufacturing Overhead	71
Comparison of Absorption Costing and Variable Costing	71
Use of Absorption Costing- External Reporting and Income Taxes	72
Advantages of Variable Costing	72
Reconciling the Differences in Net Operating Income	73
Concepts of Capacity Levels	73
Variances in Variable Manufacturing Costs	74
Theoretical Questions	103
Practical Problems	104

Chapter 4 Cost-Volume-Profit Analysis

Cost-Volume-Profit Analysis	111
Importance of Cost-Volume-Profit Analysis	113
Assumptions of Cost-Volume-Profit Analysis	113
Profit Equation and Contribution Margin	114
Break-Even Analysis	114
Graphical Method	115
Formula Methods	116
Equation Method	118
Step (Moving) Fixed Cost in CVP Analysis	141
Break Even Analysis under Multiple Products	144
Application of Linear Programming Model in CVP Analysis	149
Introduction to Linear Programming Model	149
Assumptions of Linear Programming	149
Graphical Approach of Solving Linear Programming Problem	150
CVP Analysis under Uncertainty	161
Steps for a Decision Problem under Uncertainty	161
Theoretical Questions	167
Practical Problems	167

Chapter 5

Master Budgeting

Meaning and Purposes of Budgeting	177
Difference between Planning and Control	178
Budget Period	178
The Self Imposed Budget	179
Human Relations	179
The Budget Committee	180
Responsibility Accounting	181
Zero Base Budgeting (ZBB)	182
Master Budget - A Network of Interrelationships	183
Preparing the Master Budget	184
The Sales Budget	185
The Production Budget	185
Inventory Purchases-merchandising Firm	186
The Direct Materials Budget	186
The Direct Labor Budget	188
The Manufacturing Overhead Budget	188
Cost of a Unit of Product	189
The Selling and Administrative Expense Budget	189
The Cash Budget	190
The Budgeted Income Statement	193
The Budgeted Balance Sheet	193
Theoretical Questions	240
Practical Problems	241

Chapter 6

Standard Costing

Standard Costing and Standard Cost	253
Standard Costing and Budgetary Control	253
Advantages of Standard Costing	254
Limitations of Standard Costing	255
Steps in Standard Costing	256
Establishment of Standard Cost	256
Setting up of Standards	257
Analysis of Variances	258
Direct Material Variances	258
Direct Materials Cost Variance (DMCV)	258
Material Price Variance (MPV)	260
Material Usage or Quantity Variance (MUV)	260
Material Mix Variance (MMV)	262
Material Yield Variance (MYV)	264
Causes of Direct Material Variances	264
Labour Variances	265

Labour Cost Variance (LCV)	265
Labour Rate Variance (Wage Rate Variance) (LRV)	266
Labour efficiency Variance or Labour Time Variance (LEV)	266
Standard Costing: Table Method	268
Standard Costing under the Condition of Uncertainty	288
Theoretical Questions	293
Practical Problems	294

Chapter 7

Flexible Budgeting and Overhead Cost Control

Introduction	301
Characteristics of Flexible Budget	302
Need and Significance of Flexible Budgeting	303
Desirability of Flexible Budget	303
Disadvantages	304
Differences between Static and Flexible Budget	304
Classification of Costs	305
Steps in Preparation of Flexible Budget	305
Tabular Method	305
Formula Format	306
Flexible Budget and Standard Costing	311
Overhead Cost Variances	311
Theoretical Questions	321
Practical Problems	322

Chapter 8

Decision Regarding Alternative Choices

Concept of Decision Making	327
Management Accountant's Role in Decision Making	327
Quantitative Versus Qualitative Analysis	329
Types of Relevant Cost Decisions	329
Accept or Reject a Special Offer Decision	329
Drop or Continue a Product Line Decision	343
Make or Buy a Component Decision	361
Replacement Decision	378
Sell or Further Process Joint Products Decision	380
Scarce Resources Allocation Decision	383
Sales Mix Decision	388
Lease or Cash Purchase Decision	390
Theoretical Questions	397
Practical Problems	398

Chapter **9**

Pricing Decision

Meaning and Objective	411
Factors Affecting Pricing Decision	411
Methods of Pricing Decisions	412
Full Cost/ Absorption Cost Pricing System	413
Variable Cost Pricing System	415
Activity Based Costing (ABC) Pricing System	418
Target Cost Pricing System	423
Target Return on Investment (ROI) Pricing System	425
Transfer Pricing	430
Transfer Pricing Method	431
Opportunity Cost	433
Theoretical Questions	439
Practical Problems	439

Chapter **10**

Investment Analysis

Concept	447
Importance of Capital Budgeting	448
Cash Flow and Profit and Loss Accounts	448
Steps of Determining Cash Flow in Capital Budgeting	449
Calculation of Net Cash Outlay (NCO)	449
Calculation of Depreciation	449
Calculation of Annual Cash Flow after Tax (CFAT)	449
Calculation of Final Year Cash Flow after Tax	452
Evaluation Methods	453
Traditional or Non-discounted Cash Flow Method	453
Discounted Cash Flow Method	453
Analysis of Risk and Uncertainty under Capital Budgeting	468
Definition of Risk	468
Various Techniques for Risk Analysis	469
Certainly Equivalent Co-efficient	470
Sensitivity Analysis	471
Assignment of Probability	473
Standard Deviation	475
Co-efficient of Variation	475
Decision Tree Approach	490
Foreign Investment Decision	492
Advantages of Foreign Operations	492
Possible Disadvantages of Foreign Investment	493
Inflation	495
Causes of Inflation	496
Effects of Inflation	496

Types of Inflation	498
Open and Suppressed Inflation	498
Theoretical Questions	502
Practical Questions	503

Chapter **11**

Measuring Organizational Performance:
Value Added Statement Analysis

Concept of Value Added Accounting	511
Value Added Statement (VAS)	512
Conceptual Issues in Value Added Statement (VAS)	512
Preparation of a Value Added Statement	513
Applications of Value Added Statement	516
Cost Reduction	517
Performance Measurement	517
Measure of Productivity	519
Resource Allocation	519
Financial Analysis	520
Value Added Tax (VAT)	520
Other	521
Theoretical Questions	524
Practical Problems	524

Chapter **12**

Measuring Organizational Performance: Ratio
Analysis, Return on Investment and Residual Income

Financial Statements	527
Objectives of Financial Statements	527
Importance of Financial Statement	528
Limitations of Financial Statement	528
Financial Statement Analysis	528
Users of Financial Analysis	529
Purpose of Analysis	529
Limitation of Financial Statement Analysis	529
Ratio Analysis	530
Types of Ratios	530
Liquidity Ratios	531
Leverage Ratios	533
Activity or Turnover Ratios	534
Profitability Ratios	537
Ratios for Management Performance Analysis	541
Formulae of Ratio Analysis	554
Evaluating Investment Center Performance-Return on Investment (ROI)	555

The Return on Investment (ROI) Formula	556
Net Operating Income and Operating Assets Defined	556
Understanding ROI- The Du Pont Perspective	557
ROI and the Balanced Scorecard	560
Criticisms of ROI	560
Residual Income (RI)	561
Motivation and Residual Income	562
Divisional Comparison and Residual Income	563
Theoretical Questions	567
Practical Problems	568

Chapter **13**

Measuring Organizational Performance: Cash Flow Statement Analysis

Introduction	573
Objectives of Cash Flow Statement	574
Importance of Cash Flow Statement	574
Difference between Funds Flow Statement and Cash Flow Statement	574
Preparation of Cash Flow Statement	575
Direct Method	575
Steps in Preparing Statement of Cash Flows	575
Specimen of Cash Flow Statement by using Direct Method	577
Specimen of Cash Flow Statement by using Indirect Method	578
About Equation or Ledger System	579
Cash Flow Analysis	622
Business Activities in Cash Flow Statement and Analysis	622
List of Important Formulae	627
Theoretical Questions	633
Practical Problems	633
Syllabus	643
Model Question	645
Appendices	649
Bibliography	658