Contents

Chapter 1  COST ACCOUNTING : SYSTEMS, OBJECTIVES AND ESSENTIALS
  Meaning and Terminology  2
  Cost, Costing, Cost Accounting, Cost Accountancy, Cost Unit, Cost Object.
  Comparison with Financial Accounting  5
  Cost Accounting System  6
  Objectives of Cost Accounting, Necessity for Cost Accounting System, Reports provided by
  Cost Accounting Department, Essentials of Good Cost Accounting System, Essential Factors
  for Good Cost Accounting System, Important Features of a Performance Measurement
  Costing, Practical Difficulties in Installation, Suggestions to Overcome Practical Difficulties,
  Limitations of Cost Accounting.
  Methods of Costing  13
  SPECIFIC ORDER COSTING - Job Costing, Contract Costing, Batch Costing;
  CONTINUOUS OPERATION COSTING - Process Costing, Operation Costing, Unit Costing,
  Service Costing.
  Types of Costing Systems  14
  Historical Costing, Absorption Costing, Direct Costing, Marginal Costing, Standard Costing,
  Uniform Costing.
  Key Terms  15  Theoretical Questions  16  True or False
  Statements  17
  Choose Correct Answer  18

Chapter 2  COST CONCEPTS : TERMINOLOGY AND CLASSIFICATION
  Cost Management  22
  Need for Cost Management, Composite Cost Unit, Standing Order Number vs. Cost Account
  Number, Strategic Cost Management.
  Classification of Costs  24
  CLASSIFICATION OF COSTS BY NATURE - Material Cost, Labour Cost, Expenses; COST
  CLASSIFICATION IN RELATION TO COST CENTRE - Direct Costs, Indirect Costs; COST
  CLASSIFICATION BY TIME - Historical Cost, Predetermined Cost, Standard Cost, Estimated
  Cost; COST CLASSIFICATION FOR DECISION MAKING - Marginal Cost, Differential Cost,
  Opportunity Cost, Relevant Cost, Sunk Cost, Replacement Cost, Normal Cost, Abnormal
  Cost, Avoidable Cost, Unavoidable Cost, Pre-production Cost, Product Cost, Period Cost,
  Traceable Cost, Common Cost, Controllable Cost, Uncontrollable Cost, Short-run Cost,
  Long-run Cost, Past Cost, Future Cost, Explicit Cost, Implicit Cost, Book Cost, Shutdown
  Cost, Abandonment Cost, Urgent Cost, Postponable Cost, Conversion Cost; COST
  CLASSIFICATION BY NATURE OF PRODUCTION PROCESS - Batch Cost, Process Cost,
  Operation Cost, Operating Cost, Contract Cost, Joint Cost.
  Cost Codification  32
  Definition and Meaning, Objectives of Codification, Requirements of Efficient
  Coding System, Methods of Codification of Costs.
  Key Terms  35  Theoretical Questions  37  True or False
  Statements  38
  Choose Correct Answer  39 Examination Problems  41

Chapter 3  COST CONCEPTS : BEHAVIOUR AND SEGREGATION
  Behaviourwise Cost Classification  45
Classification of Costs based on Variability - Variable Cost, Fixed Cost, Semi-variable or Semi-fixed Cost, Specific and Common Fixed Cost, Committed Fixed Cost, Discretionary Fixed Cost, Engineered Cost, Managed Cost, Capacity Cost, Programmed Cost; Diagrammatic Presentation of Cost Behaviour, Importance of Behaviourwise Cost Classification.

Segregation of Semi-variable Costs 49
Coefficient of Correlation and Coefficient of Determination 57
Coefficient of Correlation, Coefficient of Determination.

Key Terms 61
Theoretical Questions 62
True or False Statements 63
Choose Correct Answer 63
Examination Problems 66

Chapter 4  DIRECT MATERIAL : PROCUREMENT PROCEDURES AND ACCOUNTING OF ISSUES

Purchase and Stores Routine 72

Pricing of Material Issues 79

Material Shortages 86
Reasons for Stock Discrepancies, Steps to Avoid Stock Discrepancies, Accounting Procedure for Material Shortages.

Inventory Systems 90

Key Terms 93
Theoretical Questions 94
True or False Statements 95
Choose Correct Answer 96
Examination Problems 98

Chapter 5  DIRECT MATERIAL : STOCK CONTROL TECHNIQUES

Importance of Inventory Control 112
Definition and Meaning of Inventory, Features of Ideal Inventory Policy, Requirements of Stock Control, Impact of Inflation on Inventory Holding.

Inventory Control Ratios 114
Input-Output Ratio, Stock Turnover Ratio.

Inventory Control Techniques 116
Economic Order Quantity, Pull System in Inventory Control, Fixation of Inventory Levels, VED Analysis, FNSD Analysis, ABC Analysis, Just In Time Inventory Management.

Key Terms 126
Theoretical Questions 127
True or False Statements 128
Chapter 6 DIRECT LABOUR : REMUNERATION SYSTEMS

Items of Labour Cost 151

Studies at Work Place and Job Appraisal 151

Time Rate Remuneration Plans 154

Piece Rate Remuneration Plans 164
Straight Piece Rate Plan, Piece Rate with Guaranteed Time Rate Plan, Differential Piece Rate Plan, Taylor’s Differential Piece Rate Plan, Merrick’s Differential Piece Rate Plan.

Group Bonus Plans 168

Requisites of Good Wage Incentive Plan 172

Key Terms 173 Theoretical Questions 174 True or False Statements 174

Choose Correct Answer 175 Examination Problems 178

Chapter 7 DIRECT LABOUR : TURNOVER AND ACCOUNTING

Labour Cost Records 198
Clock Card, Daily or Weekly Time Sheet, Job Cards, Piece Work Cards.

Accounting of Labour Cost 198
Payroll Accounting, Labour Cost Accounting, Time Keeping, Time Booking.

Labour Turnover 201

Idle Time 208

Overtime Premium 210
Accounting Treatment, Measures to Control Overtime Premium, Disadvantages of Overtime Working.

Treatment of Special Labour Costs 211
Cost of Apprentice, Employee Welfare Costs, Fringe Benefits, Bonus, Gratuity.

Incentive Schemes 212
Incentive Schemes for Indirect Workers, Indirect Incentive to Direct Workers, Casual and Out Worker.
Chapter 8  OVERHEADS : ALLOCATION AND APPORTIONMENT

Accounting of Overheads 234
Production Overhead 239
Classification of Production Cost, Representative Types and Basis of Apportionment.
Re-apportionment of Service Centre Costs 240
Administration Overhead 248
Definition and Meaning, Classification of Administration Cost, Representative Types of Administration Overhead, Treatment of Administrative Overheads in Cost Accounting.
Selling and Distribution Overheads 249
Meaning and Classes, Basis of Apportionment, Accounting, Problems in Controlling.

Chapter 9  OVERHEADS : ABSORPTION AND RECOVERY

Absorption of Production Overheads 279
Single and Departmental Overhead Absorption Rates 284
Single Overhead Absorption Rate, Departmental Overhead Absorption Rates, Predetermined Overhead Absorption Rates.
Over and Under Absorption of Overheads 286
Reasons for Over or Under Recovery, Treatment of Under/Over Absorption of Overheads.

Chapter 10  OVERHEADS : TREATMENT OF SPECIAL ITEMS

Idle Capacity Costs 311
Interest on Capital 311
Arguments in Favour of Inclusion, Arguments Against Inclusion.

Depreciation

Definition and Meaning, Depreciation and Cashflow, Depreciation and Inflation, Obsolescence, Depreciation and Obsolescence: Distinction, Methods of Providing Depreciation, Importance of Sound Depreciation Policy, Plant and Other Fixed Assets Registers, Using of Asset After Fully Depreciated.

Treatment of Special Items of Overheads


Research and Development Costs

Examples of R&D Costs, Treatment of Research Cost, Treatment of Development Cost.

Waste, Scrap, Spoilage and Defectives

WASTE - Accounting of Waste, Control of Waste; SCRAP - Accounting of Scrap, Classification of Scrap, Control of Scrap; SPOILAGE - Accounting of Spoilage, Control of Spoilage; DEFECTIVES - Causes of Defectives, Classification of Defectives, Accounting of Defectives, Control of Defectives.

Chapter 11 ACTIVITY BASED COSTING: SYSTEMS AND PROCEDURES

Traditional Cost System


Meaning and Objectives of ABC

Definition and Meaning, Objectives of ABC.

Steps in ABC System

Distinction between Value Added and Non-Value Added Activities, Different Categories of Cost Pools and its Cost Drivers, Difficulties in adoption of ABC in Service Organization.

Advantages and Limitations of ABC

Advantages, Limitations, How ABC System Supports Corporate Strategy?

Other Concepts in ABC

Activity Based Information and Decision Making, Activity Based Budgeting, Activity Based Management, Activity Based Accounting.

Chapter 12 COSTING METHODS: OUTPUT COSTING, JOB COSTING AND BATCH COSTING

Output Costing
Chapter 13  CONTRACT COSTING : RUNNING CONTRACTS AND CONTRACTS NEARING COMPLETION

Definition and Features  423
Accounting Procedure  424
Costing of Running Contracts  425
Costing of Contracts Nearing Completion  427
Cost Plus Contracts  429
Fixed Price Contract with Escalation Clause  431
Key Terms  433  Theoretical Questions  434 True or False Statements  435
Choose Correct Answer  435  Examination
Problems  438

Chapter 14  OPERATING COSTING : APPLICATION IN SERVICE SECTOR

Meaning of Service Costing  465
Definition of Service Costing, Service Cost per Unit, Application of Service Costing, Service Costing and Output Costing : Distinction.
Forms of Service Costing  467
Transport Costing, Absolute and Commercial Tonne- Kms., Hotel Costing, Canteen Costing, Power House Costing, Hospital Costing, Customer Costing in Service Sector, Customer Profitability Analysis, Pricing by Service Sector.
Key Terms  477  Theoretical Questions  477 True or False Statements  478
Choose Correct Answer  478  Examination
Problems  480

Chapter 15  PROCESS COSTING : ASCERTAINMENT OF COST AND PROFITABILITY

Process Costing  498
Definition and Meaning, Features, Job Costing and Process Costing : Distinction.
Process Losses and Gains  499
Normal Loss, Abnormal Loss, Abnormal Gain.
Chapter 16  PROCESS COSTING : EQUIVALENT UNITS

Valuation of Work-in-Progress 524
Definition and Meaning of Equivalent Production, Valuation of WIP when only Closing WIP exists, Valuation of WIP when Opening and Closing WIP exists - FIFO Method, LIFO Method, Average Cost Method; Steps in Valuation of Equivalent Units.

Key Terms 529  Theoretical Questions 529  True or False
Statements 529  Examination
Choose Correct Answer 529
Problems 530

Chapter 17  JOINT PRODUCTS AND BY-PRODUCTS : ASCERTAINMENT OF COST AND PROFITABILITY; DECISIONS ON FURTHER PROCESSING

Joint Products 549
Definition and Meaning of Joint Products, Meaning of Co-Products.
Methods of Accounting for Joint Products 550

By-Products 552
Definition and Meaning of By-Products, Scrap and By-Product : Distinction, Meaning of Waste.
Methods of Accounting for By-Products 553
Cost Methods, Non-Cost or Sales Value Method, Selection of Appropriate Accounting Method, Joint Product and By-Product : Distinction, Objectives for Allocation of Joint Costs.

Key Terms 556  Theoretical Questions 557  True or False
Statements 558  Examination
Choose Correct Answer 558
Problems 560

Chapter 18  RECONCILIATION OF PROFIT : COST ACCOUNTS AND FINANCIAL ACCOUNTS

Cost and Financial Accounts : Reconciliation of Profit 576
Need for Reconciliation, Reasons for Disagreement.
Methods of Reconciliation 578
Memorandum Reconciliation Account, Reconciliation Statement.

Key Terms 582  Theoretical Questions 582  True or False
Statements 583  Examination
Choose Correct Answer 583
Problems 584

Chapter 19  COST BOOK-KEEPING : NON-INTEGRATED AND INTEGRATED COST SYSTEMS
Chapter 22 BUDGETING : PREPARATION OF BUDGETS AND CONTROL OF VARIANCES

Definition and Meaning of Budgetary System 789
Meaning and Definition - Budget, Budgeting, Budgetary Control, Budget and Forecast : Distinction, Requirements of a Sound Budgeting System, Advantages of Budgeting, Problems in Budgeting.
Budgeting Process 793
Steps in Budgeting Process, Other Requirements in Budgeting Process.
Preparation of Budgets and Analysis of Variances 797
Kinds of Budgets, Analysis of Cost Variances, Behavioural Aspects of Budgeting.
Flexible Budgeting 802
Meaning, Proforma of Flexible Budget, Advantages and Disadvantages of Flexible Budget, Fixed Budget and Flexible Budget : Distinction.
Zero Base Budgeting 805
Meaning of ZBB, Requisites for Implementation of ZBB, Features of ZBB, ZBB and Traditional Budgeting : Distinction, ZBB and Incremental Budgeting, ZBB and Decision Packages, ZBB and Feedback Control, Benefits of ZBB, Criticism of ZBB.
Program Budgeting 810
Meaning of PPBS, Constituent Parts of PPBS, PPBS and Conventional Budgeting : Distinction, Stages in PPBS, Procedure for Developing PPBS, Advantages of PPBS.
Performance Budgeting 813
Meaning, Requisites, Comparison with Traditional Budgeting and Program Budgeting, Steps in Implementation, Purposes, Requirements for Introduction.
Rolling Budgeting 816
Meaning, Advantages and Disadvantages.
Planning and Control Budgeting 817
Meaning, Planning Budget and Control Budget : Distinction, Critical Planning Variables, Similarities and Differences.
Responsibility Budgeting 819
Meaning, Proforma of Responsibility Budget.
Participative Budgeting 820
Meaning, Advantages.

Chapter 23 STANDARD COSTING : TERMINOLOGY, VARIANCE ANALYSIS AND INVESTIGATION

Standard Costing System 857

Variance Analysis 868
Definition and Meaning, Material Variances, Labour Variances, Variable Production Overhead Variances, Fixed Production Overhead Variances, Sales Variances, Sales Variances Based on Profit, Sales Variances Based on Turnover, Profit Variances, Disposal of Variances.

Revision of Standards, Interpretation and Disposal of Variances 895
Revision of Standards, Revision Variance, Interpretation of Variances, Causes of Variance, Reasons for Cost Variances, Interdependence between Variances, Disposal of Variances.

Techniques of Investigation of Variances 899
Heuristics, Trend Analysis, Statistical Control Charts, Decision Tree Approach, Decision Theory Approach (Game Theory), Economics of Control of Variances.

Key Terms 910
Theoretical Questions 911
Choose Correct Answer 913
Examination Problems 916

Chapter 24 UNIFORM COSTING AND INTERFIRM COMPARISONS
Uniform Costing 961
Definition and Meaning, Objectives, Requisites for Installation, Uniform Cost Manual and Its Contents, Benefits and Limitations.

Interfirm Comparisons 966
Meaning, Prerequisites, Problems, Advantages and Limitations.

Key Terms 969
Theoretical Questions 970
Choose Correct Answer 971
Examination Problems 971

Chapter 25 COST AUDIT AND MANAGEMENT AUDIT
Cost Audit 974

Management Audit 980
Definition and Meaning, Objectives, Scope, Weaknesses Revealed.

Efficiency Audit and Propriety Audit 982
Efficiency Audit, Propriety Audit.

Key Terms 983
Theoretical Questions 983
Choose Correct Answer 984

Chapter 26 LATEST DEVELOPMENTS IN COST ACCOUNTING
Target Costing 986
Definition and Meaning of Target Costing, Steps in Target Costing, Target Costing Methodology, Target Costing Approach to Product Pricing, Methods of Establishment of Target Costs.