



# Master of Commerce (Account and Business Statistics) Syllabus - 2013-14

M.Com. Previous (Four Papers - All Compulsory)

OPMC1101	Paper - I	Advanced Management Accounting
OPMC1102	Paper - II	Statistical Analysis
OPMC1103	Paper - III	Corporate Financial Accounting
OPMC1104	Paper - IV	Cost Accounting and Managerial Decisions

## M.Com (Previous) - 2014 ACCOUNTANCY AND BUSINESS STATISTICS

### Paper I: Advanced Management Accounting

#### Unit - I

Introduction, Objective, Scope and Limitation, Functions and Organization of Management Accounting, Role of Management Accountant.

Financial Statement Analysis: Nature of Financial statements, need for their analysis, techniques of Analysis - Comparative Analysis, Common size analysis, Trend Analysis & Ratio Analysis.

#### Unit - II

Balanced Score Card: Concepts, Definition, Scope and need  
Fund Flow Statement and Cash Flow Statement

#### Unit - III

Cost of Capital -Determination of capital requirements, Concept and calculation of return on Capital employed, Over Capitalisation and Under Capitalisation, Designing of capital structure in term of availability of sources of Finances and Maximisation of Return on Capital Employed, Capital Gearing, Trading on Equity, Role of SEBI and Demate Account.

#### Unit - IV

Reporting: Presentation of Accounting and Financial data to management through reports and statements, interpretation of reports and statements, Fore-casting.

Business forecasting: Techniques of Business Forecasting-Opinion-Polling. Business barometers, survey methods. Sales force polling, Delphi Technique, Econometric model,



Economic- indicators, Cross Impact Analysis, PERT, Morphological analysis. Capital Budgeting

Unit - V

Decision-Making: The Accountant and decisions, Establishment decisions, Operating decisions, Financial and Non-Financial considerations, New aids to decision making, Dividend Policies.

### **Books Recommended:**

1. J. Batty : Management Accountancy
2. S.N. Chakrabarty : Management Accountancy
3. S.P. Gupta : Management Accounting
4. M.D. Agrawal and N.P. Agrawal: Financial Management,(Ramesh Book Depot)
5. Agrawal & Agrawal, Sharma : Management Accountancy, (Ramesh Book Depot)

### **Paper II - Statistical Analysis**

Unit - I

Sampling and Data Collection. Data sources, Methods, Statistical Analysis and Operation Designs.

Review of Sampling methods, Analysis of Research data. Preparation of report. Statistical Quality Control.

Unit - II

Interpolation and extropolation : Meaning and importance, assumptions, Graphics methods of curve fitting, Algebraic, Binomial, Langrange's, Newton's methods for advancing Difference, Newton's methods of divided Difference Association of Artibutes, Meaning, classification according to Attributes. Methods of calculation of Association between attributes, partial association, consistence of data.

Unit - III

Probability: Bay's Theorems of simple and compound probabilities, Mathematical expectation.

Theoretical frequency distributions: Elementary Knowledge of Normal, Binomial and poisson distributions and applications to Business problems.

Unit - IV

Test of Significance : Z -test, F-test, Chi-square test, F-test and ANOVA (One way and two way test).

Unit - V

Non parametric test : Sign test, Run test, Signed Rank test, Kruskal Wallies test, Partial and multiple correlation and Regression. Design of experimental and elementary treatment.



### **Books Recommended:**

1. K.N. Nagar: Sankhyiki ke Mool siddhant
2. B.N. Gupta: Sankhyiki
3. S.P. Gupta: Statistics
4. D.N. Elhance: Fundamentals of Statistics.

### **Paper - III - Corporate Financial Accounting**

#### Unit - I

An overview of I.F.R.S. (international Financial Reporting Standards) Meaning and Scope of Standards. Compliance with standards, IAS Framework, objectives. Procedure for issuing standards.

Final accounts and financial statements of company. Corporate Governance. Determination and disposal of profits with special reference to companies Act. 1956.

#### Unit - II

Accounting for intangible assets. Accounting for Govt. Grants.

Accounting for price level changes with special reference to inflation. Accounting under changing price level. Hotel Accounting.

#### Unit - III

Accounting for Investment & Stock market transactions. Internal Reconstructions, Accounting issues relative to Merger and Acquisition of Companies, Problems of Demerger.

#### Unit - IV

Accounts of Holding and Subsidiary companies under the Companies Act 1956. Preparation of consolidated Balance sheet and profit & Loos Accounts, Accounts of Compaines in Liquidation.

#### Unit - V

Final Accounts of Banking and Insurance Companies (Excluding Life Insurance) Human Resources Accounting, Social Accounting (Elementary Knowledge) Indian Accounting Standrad (1 to 20) 5 Internatioanl Accounting Standards (Elementary Knowledge).

### **Books Recommended:**

1. R.R. Gupta : Advance Accounting
2. Shukla & Gupta : Advance Accounts
3. R.L. Gupta : Advance Accountancy
4. Jain, Khandalwal, Pareek : Higher Accounting



## **Paper IV: Cost Accounting & Managerial Decisions**

### Unit - I

Organisations of the costing department and its integration with other departments. Installation of costing system and modification thereof. Management control and cost information system. Performance reporting at various level of management. Process costing emphasis on inter-process profit and equivalent production.

### Unit - II

Standard Costing-emphasis on overhead variances. Budgetary control, Zerobase budgeting and Performance budgeting. Uniform Costing, Inter firm comparison.

### Unit - III

Marginal Costing and Break Even Analysis. Marginal costing and Managerial decisions transfer pricing - Divisional performance and Transfer Pricing. Corporate view point. Transfer pricing determination. Transfer pricing in international business.

### Unit - IV

- Cost Control Accounts .
- Integral Accounts.
- Cost Reduction Programme and Planning

### Unit - V

- Pricing decisions, Marketing and distribution decisions : Differential pricing, Lowest bid tender pricing . Treatment and control of rejections, defectives, obsolescence, wastage and spoilage.
- Treatment of research and development costs.

### **Books Recommended:**

1. Matz, Curry & Frank: Cost Accounting
2. Charles Horngren : Cost Accounting : A Managerial Emphasis.
3. Bhar : Cost Accounting : Methods and problems.
4. M.L. Basu : Costing
5. Oswal Maheshwari, Modi and Gupta : Cost Accounting & Cost Control (Ramesh Book Depot) Jaipur
6. Jain, Shah, Sharma, Agrawal : Advance Cost Accounting. (Ramesh Book Depot) Jaipur
7. Swaminathan : Lectures in Costing Books for References:-
8. Omler & Brown : Weldon's Cost Accounting and costing methods.
9. Nikerson : Managerial cost Accounting Analysis
10. Baken & Jacobsen : Cost Accounting.
11. Thomas : Reading in Cost Accounting
12. Horngren and Foster :- Cost Accounting A managerial Emphasis
13. Scott J.A. : Budgetary control and standard costs.