



**UNIVERSITY OF RAJASTHAN**

**JAIPUR**

**SYLLABUS**

**M.Com.**

**Cost & Management Accounting**

**Semester Scheme**

**I/II Semester Examination      2023-24**

**III/IV Semester Examination    2024-25**

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## **SEMESTER SCHEME**

### **Semester-1**

#### **COMPULSORY COURSES**

MCC 101: COST ACCOUNTING

MCC102:INCOME TAX LAW AND PRATICE

MCC103:FUNDAMENTALS OF ACCOUNTING

#### **OPTIONAL COURSES (SELECT ANY THREE)**

MCC-A 01: BUSINESS STATISTICS

MCC-A02: THEORY& PRACTICE OF AUDITING

MCC- A 03: TAX, AUDIT & ACCOUNTING PRACTICAL

MCC-A04 :INFORMATION SYSTEM ACCOUNTING

### **Semester-I1**

#### **COMPULSORY COURSES**

MCC 201: METHODS OF COST ACCOUNTING

MCC202: OPERATIONS RESEARCH OPTIMISATION TECHNIQUES

MCC203: DIRECT TAXES

#### **OPTIONAL COURSES (SELECT ANY THREE)**

MCC -B01: MENAGEMENT ACCOUNTING

MCC -B 02: COMPTERISED ACCOUNTING

MCC -B 03: CORPORATE ACCOUNTING

MCC -B 04: ADVANCED BUSINESS STATISTICS

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### **Semester-III**

MCC 301: ADVANCED ACCOUNTING

MCC 302: OPERATIONS RESEARCH DECISION MAKING

MCC303: COST AUDIT

#### **OPTIONAL COURSES (SELECT ANY THREE)**

MCC -C01: GOODS AND SERVICE TAXE (GST)

MCC -C02: STRATEGIC FINANCIAL MANAGEMENT

MCC - C 03: CORPORATE FINANCIAL REPORTING

MCC -C04: SECURITY ANALYSIS

### **Semester-IV**

#### **COMPULSORY COURSES**

MCC401: ADVANCED MANAGEMENT ACCOUNTING

MCC402: COST MANAGEMENT FOR DECISION MAKING

MCC403: TAX PLANNING & MANAGEMENT

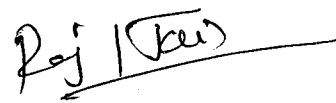
#### **OPTIONAL COURSES (SELECT ANY THREE)**

MCC -D01: RESEARCH METHODOLOGY

MCC -D 02: MANAGEMENT AUDIT

MCC -D 03: PORTFOLIO MANAGEMENT

MCC -D 04: DISSERTATION

  
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# Semester-I

## MCC 101: Cost Accounting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice

### Unit –I

Introduction: Meaning and definition of cost, cost center, costing, cost accounting and cost accountancy. Objectives, significance and limitation of cost accounting, Distinction between financial and cost accounting, Elements of cost : Material, wages and expenses, direct cost (prime cost) as well as indirect cost (overhead).

### Unit –II

Material purchasing and storing. Meaning, difference and accounting treatment of waste, scrape, spoilage and defectives, Different methods of valuation and issue of material. Material cost control.

### Unit –III

Labour recording of time and wages. Labour turnover and treatment of idle time and overtime Method of remuneration. Incentive plans for direct labourer.

### Unit –IV

Overhead meaning, collection, classifications, Allocation and Apportionment of overhead, Accounting treatment of research and development overhead. Accounting treatment and control of administrative, selling and distribution overhead.

### Unit –V

Accounting treatment of certain overhead as packing expenses, idle time overtime and interest on capital, Absorption of overhead on different basis.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Jain, Khandelwal, Pareek :Cost Accounting (Hindi& English)
2. Saxena and Vashistha :Cost Accounting
3. B.K. Bhar :Cost Accounting
4. Agarwal and Chaturvedi :Cost Accounting(volume I & II)

# Semester-I

## MCC 102

### INCOME TAX LAW AND PRATICE

**Unit –I** Introduction, Residential Status and Income from Salaries.

**Unit –II** Income from Hose Property and Income from Business and Profession.

**Unit –III** Income from Capital Gain and Income from other Sources.

**Unit –IV** Clubbing, Set off and Carry forward of Losses and Deduction from Gross Total Income, Assessment of Individual.

**Unit –V** Assessment of Hindu Undivided Family and Firms, Advance Payment of Tax, TDS, Procedure of E- Filing of Return.

#### **Books Recommended:**

1. Singhanian and Singhanian: Student's guide to Income tax, Taxman.
2. Gupta and Gupta: Student's guide to Income tax, Taxbooks.
3. Ahuja and Gupta. : Direct Taxes.
4. Bangar and Bangar : Income Tax, Aadhya Publication, Allahbad.

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**Semester-I**  
**MCC 103: Fundamentals of Accounting**

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

**Unit –I**

Introduction: Meaning, Definition, Features, Scope & Objectives, Book-keeping and Accounting, Basic Terminology of Accounting.

**Unit –II**

Book of Original Entry: Journal and Subsidiary books, Leader and Trial Balance.

**Unit –III**

Errors and their rectification, Bank Reconciliation Statement.

**Unit –IV**

Classification of Capital and Revenue Transactions, Final Accounts: Without Adjustment, with Adjustment and Adjusted Trial Balance.

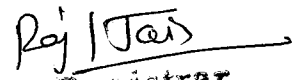
**Unit –V**

Depreciation Accounting (Including AS-6), Analysis of Financial Statements Comparative Statement Common-Size Statements.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

**Books Recommended:**

1. Book Keeping and Accountancy: Jain, Khandelwal, Pareek (Hindi & English)
2. Financial Accounting: P.C. Tulsian
3. Elements of Accounts: T.S. Grewal
4. Practical Accounts: Paul

  
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**Semester-I**  
**MCC- 01-Business Statistics**

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

**Unit –I**

Introduction of Statistics: Definition, Scope and significance of Statistics, Collection, Classification and Tabulation of Data.

**Unit –II**

Measures of Central Tendency: Arithmetic Mean, Median and Mode, Presentation of Data: Diagrams/Graphs of Frequency Distribution, Ogive Curve and Histograms.

**Unit –III**

Measure of Dispersion: Absolute and Relative Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation. Uses and Interpretation of Measures of Dispersion, Skewness: Different measures of Skewness.

**Unit –IV**

Correlation Meaning and Significance, Karl Pearson's coefficient of correlation between two variables, correlation by Spearman's Rank Differences, Simple Linear Regression.

**Unit –V**

Index Numbers Meaning and Uses, Simple and Weighted Price Index Numbers, Methods of Construction, Average of Relatives and Aggregative Methods, Fishers ideal index Number, Interpolation: Binomial, Newtons Advancing Differences Methods and Lagrange's Method.

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**Books Recommended:**

1. Sanchheti & Kapoor: Business Statistics
2. SP Gupta: Business Statistics
3. Jain, Sharma, Pareek : Business Statistics(Hindi & English)
4. K N Nagar : of Statistics(Hindi & English)

## Semester-I

### MCC 02-Theory and Practice of Auditing

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

#### Unit –I

Auditing: Meaning Objects, Fraud and Errors, Relationship between Book-Keeping, Accounting and Auditing, Elementary Knowledge of Standards on Auditing Practices, Type of Audit, Internal Control Measures, Audit Programme.

#### Unit –II

Vouching, Verification and Valuation of Assets and Liabilities (Including Practical Verification), Company Auditor: Appointment, Removal and Remuneration.

#### Unit –III

Company Auditor: Audit and Auditor (brief knowledge of sections 139 to 148 of companies Act, 2013), Rights, Duties and Liabilities, Company Audit, Audit Report and Certificates.

#### Unit –IV

Investigation Meaning Nature, Importance, Objectives and Investigation on behalf of an Intending purchaser, Special points regarding in Different Audits: Educational Institutions. Club and Charitable Investigations.

#### Unit –V

Audit of Accounts of Private Concerns and Partnership Firms. Cost Audit: Aspects, Objects, Advantages Cost Audit in Practice and Cost Audit under Indian Companies Act 2013. EDP Audit: Meaning, Scope, Importance, Types and Various Activities of Data Processing and Approaches to EDP Systems of Audit.

#### Books Recommended:

1. Jain, KhandelwalPareek : Auditing (Hindi and English)
2. C.P. Jain & H.S. Khandelwal :Auditing (Hindi and English)
3. T.R. Sharma:Auditing



# ABST

## Semester-I

### *MCC-A-03*-Tax and Audit Practical

**Max. Marks: 100**

1. Audit Procedure: Statutory and Internal Audit, Audit Programme, Internal Control and Internal check, Vouching, Verification, Case Studies, Preparation of Audit Report.
2. Obtaining PAN/TAN, filing I.T. Return, Filing GST Return, Filing other Taxes Return, Depositing Tax, Assessment Procedure, use of Different Tax Forms

**Note:** The candidate is required to appear in practical examination to be conducted by Internal & External Examiners and Head of the Department/ Principal of the College will appoint Internal Examiner.

#### **Books Recommended:**

1. Jain, KhandelwalPareek : Auditing(Hindi & English)
2. C.P. Jain & H.S. Khandelwal : Auditing (Hindi &English)
3. T.R. Sharma: Auditing
4. Singhanian V K:Direct Taxes
5. Girish Ahuja:Direct Taxes
6. Lal B.B.: Income Tax Law and Practice
7. LokhotiaR.N.: Assessment of Companies and their officers
8. Patel &Choudhary : Wealth Tax, Corporate Tax

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MCC-Ady: INFORMATION SYSTEM AND ACCOUNTING (Optional Paper-V)

Duration: 3 Hrs.

Max. Marks: 100

Note: There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

**Unit - I**

Information System- Data and information concept, System concept, Open and closed system, Business as a system.

**Unit - II**

Information System Security- Approaches to IS development, Requirement analysis, design, implementation and maintenance, IS security, Disaster Recovery.

**Unit - III**

Accounting Information System- Categories of accounting information system, Architecture of AIS, Implementation of AIS, Major Accounting information system, financial information system.

**Unit - IV**

Transaction Processing and Computerized Commercial Application- TP Cycle, Data validation, Batch and on line processing, computerized commercial application.

**Unit - V**

Computerized Accounting by using Excel- Application of Statistical and Accounting & Finance Functions, Use of Accounting Software application.

Note : The candidate shall be permitted to use battery operated pocket calculator that should not have more than 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

**Books Recommended: -**

- 1 Information System and Accounting : Sharma, Agarwal, Mangal (Hindi & English)
- 2 Fundamentals of Computers V. Rajaramam
- 3 Programming in COBOL- Schaum Series
- 4 Principles of Auditing- Tondon
- 5 Selecting the Computer System- Chorafas
- 6 System Analysis & Data Processing: Subramaniam and Menon
- 7 Computer and Data Processing. Gordon B. Davis (Asian Edition)

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**Semester-II**  
**201 Methods of Cost Accounting**

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

**Unit –I**

Unit Costing: Cost sheet, Statement of Cost per Unit, Computation of Tender Price by Preparing Statement of Cost.

**Unit –II**

Operating Costing: Meaning and Objectives, Preparation Statement of Operating Cost, Computation of Cost per Unit of Service and Determination of Price.

**Unit –III**

Job costing and contract costing: Cost-Plus contract, Escalation Clause, Work in Progress, Profit on Completed, Incomplete and Contracts Nearer to Completion.

**Unit –IV**

Process Costing: Meaning and Significance, Treatment of Normal and Abnormal Losses in Process Accounts. Inter Process Profit (Excluding Equivalent Production) .

**Unit –V**

Process Costing: Treatment of Joint product and by Product in process Accounts preparation of process. Accounts by computing Valuation of Work – in- progress and Finished Stock on the Basis of Equivalent Production.

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**Books Recommended:**

1. Jain, KhandelwalPareek : Cost Accounting (Hindi & English)
2. Saxena and Vashistha : Cost Accounting
3. B.K. Bhar : Cost Accounting
4. Agarwal and Chaturvedi : Cost Accounting (volume I & II)

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## 202: Operations Research Optimisation Techniques

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Introduction to Operations Research, Characteristics, Types of Models, Techniques, Scope, O. R. and Decision Making Limitations.

### Unit –II

Linear Programming- Meaning, Properties and Assumptions, Formulation of LPP, Graphical Method of LP, Infeasible Solution, Multiple Solutions, Unbounded Solutions, Limitations of Graphic Method

### Unit –III

Linear Programming- Simplex Method- Maximisation and Minimisation Problems, Two Phase Method, Non- Existence of Feasible Solution, Unrestricted Variable, Degeneracy, Concept of Dual, Application Areas, Limitations of L.P.

### Unit –IV

Transportation Model- Introduction, Assumptions, Solution of Transportation- North-West Corner Rule, Vogel's Method, Least Cost Method, Unbalanced Problems, Maximising problems, Degeneracy, Special Transportation Problems

Assignment Models- Introduction, Assumptions, Maximising Problems, Special Problems

### Unit –V

Inventory, Models, Replacement Theory and Sequencing.

### Books Recommended:

1. Khandelwal and Gupta: Operations Research, Ajmera Book Company, Jaipur
2. Vohra, N.D. : Quantitative Techniques in Management, Tata Mc Graw Hill
3. Tulsian and Pandey: Quantitative Techniques, Pearson Education
4. Sharma J.K.: Operations Research

## 203:-Direct Tax

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

### Unit –I

Advance Payment of Tax, TDS, Interest on Taxes and Tax Refund Procedure or E filing or return

### Unit –II

Assessment of Non- residents and Representative Assessee. Double Taxation Relief and Foreign Collaboration

### Unit –III

Assessment of Trust, Assessment of Local Authorities

### Unit –IV

Assessment of Co-operative Societies Penalties and Prosecutions, Appeal, Revision and Tax Authorities


### Unit –V

Assessment of Companies

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Singhanian V.K : Direct Taxes
2. Girish Ahuja : Direct Taxes
3. Lal B.B. : Income Tax Law and Practice
4. Lakhotia R.N : Assessment of Companies and their officers
5. Patel & Choudhary : Corporate Tax

  
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## **B 01:Management Accounting**

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### **Unit –I**

Introduction: Meaning and Concept of Management Accounting, Relationship of Management Accounting with Cost Accounting and Financial Accounting, Scope of Management Accounting, Functions of Management Accountant.

### **Unit –II**

Capital Structure and Leverage: Meaning and Concept of Capital Structure, Determinants of Capital Structure, Optimum Capital Structure, Capital Structure Theories, EBIT-EBS Analysis, Point of Indifference, Meaning and Concept of Leverage-Financial, Operating and Combined Leverage. Financing Decisions Based on Capital Structure and Leverages.

### **Unit –III**

Working Capital Management Meaning and Concept of Working Capital, Types of working Capital, Factors Affecting working Capital Requirement, Significance of Working Capital, Consequences of Excess and Inadequate working Capital Estimation of working capital Requirement and Salient Features of Tandon Committee.

### **Unit –IV**

Ratio Analysis as Technique of Analysis of Financial Statements Liquidity Ratios, Activity Ratios, Leverage Ratios, Profitability Ratios and Market Value Ratios and Cash Flow Statement (AS-3)

### **Unit –V**

Cost of Capital and Capital Expenditure Decisions

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### **Books Recommended:**

1. BattyJ. : Management Accounting
2. Manmohan &Goyal : Management Accounting
3. Agarwal &Agarwal :Management Accounting
4. M.R. Agarwal :Management Accounting
5. B.L.Dave: Management Accounting

## B 02: Computerised Accounting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

**Computerised Accounting System:** Concept, Features, Transaction Processing system, Manual v/s computerised Accounting, Advantages and limitation of computerised Accounting system, Different types of Accounting software, Essential features of Accounting packages, Generic considerations.

### Unit –II

**Computerized Accounting by using Excel in Business Application:** Introduction of Excel, Payroll accounting, Assets accounting, Schedule forming part of the Balance Sheet, Application of Statistical & Accounting & Finance Functions, Graphs, Charts.

### Unit –III

**Structuring databases for Accounting:** Concept, Objectives of Database, Data Processing Cycle, designing database for Accounting, creating database tables for Accounting, designing structure query, designing tables query, forms and reports of accounting data using MS Access.

### Unit –IV

**Accounting in Tally:** Introduction, Company Creation & Configurations, Setup accounting Masters, Creations, display & alteration of groups & ledgers, Accounting vouchers, creating Inventory masters, Stock groups & stock categories.

### Unit –V

**Analysis of Financial Statements and Report Generation:** Generation of different types of financial statements, Fund flow, Cash flow, Ratio Analysis, Budget, Stock Summary, Generation of report Accounting Books and Registers (ledgers, cash books, bank books, purchase register, sales register, Journal register, purchase and sales)

### Books Recommended:

1. Tally Education Private Limited: Computerised Accounting Using Tally.
2. Michael Fardon. :Computer Accounting (Accounting & Finance)
3. William Murray. :Computerised Accounting: the Complete Tutorial
4. S Sudalaimuthu, S Anthony Raj: Computer Application in Business
5. Rajesh Narang Database Management System

## 03: Corporate Accounting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

### Unit –I

Issue, Forfeiture and Re-issue of Shares, Redemption of Preference shares, Issue of Debentures and Redemption Debentures.

### Unit –II

Preparation of Corporate Financial Statements, (as per Schedule 3 of Companies Act, 2013), Disposal of Profits, Bonus Shares and Managerial Remunerations.

### Unit –III

Accounting of Corporate Restructuring: An Introduction Internal Reconstruction, Mergers and Acquisitions.

### Unit –IV

Valuation of Goodwill and Valuation of shares.

### Unit –V

Consolidated Financial Statements – Income Statement and Balance Sheets, Liquidation of Companies- Statement of Affairs, Liquidator's Final Statement of Account.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Monga, Sehgal, Ahuja: Advanced Accounts, Vol. II
2. Jain & Narang : Advanced Accounts
3. Jain, Khandelwal, Pareek : Advanced Corporate Accounting (Hindi & English)
4. Agarwal, Sharma: Advanced Corporate Accounting
5. Agarwal, Agarwal, Jain, Bansal: Financial Reporting, RBD, Jaipur



## B 04 Advanced Business Statistics

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Advanced Concepts in Probability – Joint and Marginal Probability, Posterior Probability and Expected Value.

### Unit –II

Multiple Correlation and Multiple Regression.

### Unit –III

Analysis of Time Series: Meaning, Component of Time Series, Calculation of Different Components.

### Unit –IV

Association of Attributes and Chi-Square Test.

### Unit –V

Vital Statistics: Death Rates, Birth Rates, Fertility Rates and Reproduction Rates.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Sanchheti&Kapoor : Statistical Methods
2. Sanchheti&Kapoor : Business Mathematics
3. Mathur, Khandelwal, Gupta, Gupta : Advanced Business Statistics, (Hindi and English)
4. Sharma, Jain &Pareek : Statistical Analysis (Hindi)
5. Sharma, Jain &Pareek Advanced Business Statistics (Hindi)
6. Sharma, Jain &Pareek Advanced Business Statistics (Hindi)
7. Agarwal N P : Advanced Business Statistics

## Semester-III

### 301: Advance Cost Accounting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

#### Unit –I

Development of Cost Accounting and Cost Concepts, Cost Information and Cost Analysis for Managerial Decision-Making, Installation of Costing System and Cost records, Accounting Treatment and Control of Waste, Scrap, Spoilage, Defective and Obsolescence, Accounting Treatment and Control of Administrative, selling and Distribution Overhead, Research and Development Costs.

#### Unit –II

Integrated and non-integrated cost accounts (Cost Ledger or Cost Control Accounts), Journal Entries as well as preparation of Ledgers Accounts.

#### Unit –III

Reconciliation of cost and financial accounting, Uniform Costing and Inter-Firm Comparison. Ratios useful for inter-firm Comparison.

#### Unit –IV

Meaning of Concept of Marginal Costing: Break-even Analysis, Differential Costing Valuation of stock under marginal and absorption costing. Production decisions based on Marginal Costing and Differential Costing.

#### Unit –V

Pricing Decisions Based on Marginal Costing and Differential Costing, Marketing decisions and other decision based on such as Own or Lease, Repair or Replace, Now or Later, shut down or continue etc., Based on Marginal Costing and Differential Costing.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

#### Books Recommended:

1. Maheswari and Mittal : Cost Accounting, Mahaveer Book Depot, Delhi
2. Prasad N.K : Principal and Practice of Cost Accounting
3. Saxena and Vashistha : Advanced Cost Accounts, (Sultan Chand & Sons)
4. Ratanam P.V. : Costing Adviser (Kitab Mahal)
5. Ravi M Kishor : Cost Accounting Taxman Publication, New Delhi
6. Oswal, Mangal, Bidawat : Advanced Cost Accounting (Hindi & English)

## 302 :Operation Research for Decision Making

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Decision Theory, Decision Making Under Uncertainty, Decision Making Under Risk, Bayesian Approach, Decision Tree- Applications.

### Unit –II

Decision making in a Competitive Situation- Game Theory, Types of Games, Two Person Zero Sum Games, Mixed Strategy and Method of Solution Using Linear Programming.

### Unit –III

Waiting line, Characteristics, Arrival Process, Structure and Service Process, Single Channel Models, Cost analysis and Business Application of Waiting Lines.

### Unit –IV

PERT & CPM, Network construction and analysis, Critical Path, Time cost trade off, Crash Activity Analysis Planning and Scheduling, Project Costs, Controlling Project Costs.

### Unit –V

Simulation for Business Monte Carlo Method, Application of Simulation in Business Situations

### Books Recommended:

1. Khandelwal and Gupta: Operations Research, Ajmera Book Company, Jaipur
2. Vohra, N.D. : Quantitative Techniques in Management, Tata Mc Graw Hill
3. Tulsian and Pandey : Quantitative Techniques , Pearson Education
4. Sharma J.K.: Operations Research

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## 303: Cost Audit

**Duration: 3 Hours**

**Max. Marks: 100**

Note: - There will be 5 questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice.

### Unit –I

Cost Accounting Standards (CAS): Introduction, Concept, Need and Significance Development of Cost Accounting Standards in India, Role of Institute of Cost Accountants of India (ICAI). In development of CAS, Nature of Cost Accounting Standards. Recognition of CAS.

### Unit –II

CAS-1 to CAS 2 12. .

### Unit –III

CAS-13 to CAS 24

### Unit –IV

Cost Audit: Meaning and Evolution, Scope, Aspects, Objects, Nature, Advantages, Difference between Statutory Audit and Cost Audit. Application of Cost Accounting Standards. Cost Auditor and Professional Ethics.

### Unit –V

Cost Audit Programme, Cost Accounting Records, Rules and Verification of Cost Records and Reports, Cost audit Report and its Review, Cost Audit leading to other services: Productivity, Energy, Inventory, Environmental Pollution Control and Corporate Service and Peer Review.

### Books Recommended:

1. Chaudhary D.: Management Audit and Cost Audit, New Central Book Agency, Calcutta
2. Ramanathan: Cost and Management Audit Tata, McGraw Hill, New Delhi, Kolkata
3. Cona W.L. Management Audit (Prentice Hall)
4. TikheJ.G.: Cost Audit and Management Audit (Bangalore Chapter of Cost Accountants).
5. Kamal Gupta: Contemporary Audit (Tata MC Graw Hill)
6. Agarwal N.P. & GovindPareek: Cost and Management Audit, Ramesh Book Depot, Jaipur
7. Saxsena&Vasisth : Cost & Management Audit

## Semester-III

### MCC-Co1: GOODS AND SERVICES TAX

#### Unit –I

Introduction of GST, IGST Act, 2017. Definition, Benefits, Constitutional Aspects and Legal Framework of GST Including CGST, IGST, SGST and UTGST.

#### Unit –II

Identification of Nature of Supply- Inter State and Intra State Supply, Composite and Mixed Supply, Continuous Supply and Zero Rated Supply, Taxable and Non- taxable Supply, Exemptions, Composite Scheme of GST, Applicable Rates of GST.

#### Unit –III

Concept Relating to Input Tax Credit and Computation of Input Tax Credit.

#### Unit –IV


Procedure of Registration Under GST, Maintenance of Books and Records, Filing of Returns, Computation of GST, Payment of Tax, Reverse Charge, Refund of Tax.

#### Unit –V

Administration of GST Regime, Assessment, Demand and Recovery, Inspection, Search, Seizure, Provisions with Respect to offences and Penalties.

#### Books Recommended:

1. Nitya tax associates: Basics of GST, Taxman, Delhi.
2. Dr. Harsh Vardhan : Goods & Service Tax, Bharat Publication, Delhi
3. Shah and Mangal : Goods and Service Tax, RBD, Jaipur
4. Goods and Service Tax : P.C. Publications, Jaipur.
5. Bangar and Bangar :Beginor's guide to GST, Aadhya Publication, Allahabad.

  
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## **MCC-C 02: Strategic Financial Management**

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### **Unit –I**

Corporate Valuation: Approaches of Corporate Valuation, Forecasting Performance, Value Based Management.

### **Unit –II**

Mergers, Acquisition and Restructuring: Mergers, Take Cress Swap Ration Determination, Objective of mergers, De-mergers and Dynamics of Restructuring.

### **Unit –III**

Corporate Governance and Peer Review: Divergence of Interest, Legal Provisions and SEBI Guidelines.

### **Unit –IV**

International Financial Management, World Monitory System, Foreign Exchange Markes, Exchange Rate Risk Management, Raising Foreign Currency Foreign Currency Finance.

### **Unit –V**

Corporate Risk Management- Classification of Risk, Measurement of Risk, Techniques of Corporate Risk Management, Financial Engineering and Corporate Strategy.

### **Books Recommended:**

1. PrasnaChandra : Financial Management
2. Khan &Jain : Financial Management
3. Pandey I. M.: Financial Management
4. Ravi M Kishore. : Financial Management
5. Agarwal M.R. : Financial Management

## MCC-C 03-Corporate Financial Reporting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Corporate Financial Reporting: Meaning, Need, Developments, Issues and Problems in Corporate Financial Reporting with Special Reference to Published Financial Statement.

### Unit –II

Developments of Accounting Standards in India and Abroad, Role of ICAI, Introduction of IFRS: Requirement of IFRS. Accounting Standards interpretation and guidance notes on various accounting Aspects issued by ICAI and their Applications.

### Unit –III

Developments in Financial Reporting: Value Added Statement Economic Value Added, Market Value Added and Shareholders Value Added and Environmental Accounting.

### Unit –IV

Human Resource Accounting, Inflation Accounting and Social Accounting.

### Unit –V

Recent Developments in financial Reporting system: Web Enabled Reporting. Triple Bottom Line Reporting and Value Reporting. Value Reporting,

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## MCC –C04: Security Analysis

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Introduction: Meaning and Significance of security Analysis. Type of Securities, Investment : Nature and Scope of Investment Analysis, Elements of Investment Avenues of Investment, Approaches To Investment Analysis, Concepts of Return and Risk, Security Return and Risk Analysis, Measurement of Risk and Return.

### Unit –II

Financial Assets: Types and their Characteristics, Source of Financial Information

### Unit –III

Public Issue: SEBI Guidelines on Public Issue, Size of Issue, Pricing of Issue, Promoters Contribution Appointment of Merchant Rankers, Underwriter, Brokers, Registrars, Managers, Bankers & Allotment of Shares.

### Unit –IV

Secondary Market: Role, Importance, Types of Brokers, Trading Mechanism, Listing of Security, Depository- Role and Need. Depository Act- 1996.

### Unit –V

Fundamental Analysis: Economics Analysis, Industry Analysis and Company Analysis. Technical Analysis: Trends, Indicator, Indices and Moving Averages Applied in Technical Analysis

### Books Recommended:

1. Security Analysis and Portfolio Management:P. Pandian
2. Investment Analysis and Portfolio Management:MadhumatiRangrajan

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## Semester-IV

### MCC 401:Advanced Management Accounting

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

#### Unit –I

Standard Costing: Analysis of Variances- Cost and Sales Variances. Reporting and Accounting Procedure of Standard cost.

#### Unit –II

Budgetary control – Flexible/Fixed Budgets, Functional Budgets, Zero Based Budgeting, Performance Budgeting, Budget Ratios and Budget Variances.

#### Unit –III

Costing for Service Sector- Costing Method, Collection of Data for Service Sector, Pricing of Service Sector and Learning Curve Theory.

#### Unit –IV

Pricing Decisions- Pricing Strategies, Pareto Analysis Pricing Policies

#### Unit –V

Cost Reduction and Cost Control- Cost Reduction Techniques, Productivity Accounting.

#### Books Recommended:

1. Maheshwari and Mittal : Cost Accounting, Mahaveer Book Depot, Delhi
- 2.
3. Prasad N.K. : Principles and Practice of Cost Accounting
4. Saxena&Vashistha : Advanced Cost Account (Sultan Chand & Sons)
5. RatanamP.V. : Costing Adviser (Kitab Mahal)
6. Ravi M Kishor : Cost Accounting, Taxmann Publication, New Delhi
7. Oswal, Mangal&Bidawat :Advanced Cost Accounting (Hindi & English)

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## **MCC – 402 Cost Management for Decision Making**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### **Unit –I**

Cost Concepts for Decision Making –Relevant Cost and Irrelevant Cost, Opportunity Cost and Differential their application, Research and Development Cost.

### **Unit –II**

Activity Based Costing, Target Costing, Life Cycle Costing and JIT

### **Unit –III**

Cost Sheet- Profitability Analysis and Reporting, Value Chain Analysis, Manufacturing Resource Planning and Throughput Accounting.

### **Unit –IV**

Balanced Score Card, Benchmarking, Kaizen Costing.

### **Unit –V**

Transfer pricing and Divisions Performance Analysis, Total Quality Management.

### **Recommended Books:**

1. Maheshwari and Mittal : Cost Accounting, Mahaveer Book Depot, Delhi
2. Prasad N.K. : Principles and Practice of Cost Accounting
3. Saxena&Vashistha : Advanced Cost Account (Sultan Chand & Sons)
4. RatanamP.V. : Costing Adviser (Kitab Mahal)
5. Ravi M Kishor : Cost Accounting, Taxmann Publication, New Delhi
6. Oswal, Mangal&Bidawat : Advanced Cost Accounting (Hindi & English)

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## MCC403 Tax Planning and Management

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Tax Planning and Tax Management, Concept of Income and Problems of Tax Planning, Tax Planning & Residential Status and Tax Planning for Employees Remuneration.

### Unit –II

Capital Gain & Tax Planning, Set off and carry Forward of Losses and Tax Planning with Investments.

### Unit –III

Tax Planning and Form of Organizations, Diversion of Income and Tax Planning.

### Unit –IV

Tax Planning for Industrial Development and Financial Management

### Unit –V

Tax Planning for Specific Managerial Decisions and Investment Decisions

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Prof. C.K. Shah: Tax Planning & Tax Management
2. N.K. Sharma : Tax Planning, (Hindi)
3. Singhania V..K. : Direct Taxes Law and Practice
4. Patel and Choudhary : Tax Planning (Hindi & English)

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## MCC D01 Research Methodology

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Research Meaning Objectives, Importance and Types of Research.

### Unit –II

Meaning and concept of Research Methodology, Research Process, Data Collection and Data Analysis.

### Unit –III

Sampling Theory – Methods of Sampling, Sampling Distribution, Sampling and Non-Sampling Errors, Concept of Standard Error and its Utility, Hypothesis Testing Parametric Test in Large Samples- Z Test.

### Unit –IV

Hypothesis Testing in Small Samples- 't' Test, 'F' Test & Analysis of Variance.

### Unit –V

Non- Parametric Tests, Mann Whiteny, Krushal Wallis Test.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Croxton&Cowden : Applied Statistics
2. Karnnel, P.H. : Applied Statistics for Economics
3. Gupta B.N. : Statistics
4. Sanchheti&Kapoor : Statistical Methods
5. K.N. Nagar : Elements of Statistics (Hindi)
6. Mathur, Khandelwal, Gupta, Gupta :Business Statistics (Hindi & English)
7. Sharma, Jain &Pareek : Research Methods, RBD, Jaipur (Hindi)
8. Mehta, Gupta: Research Methods in Management, RBD, Jaipur
9. HimanshuSaxsena: Research Methods in Management, RBD, Jaipur
10. Sharma, Jain &Pareek : Advanced Business Statistics, RBD, Jaipur (Hindi)

## MCCD 02-Management Audit

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### Unit –I

Management Audit: Meaning, Need, Difference between Statutory Audit and Management Audit, Purpose/ Objects, Scope, Aspects, Techniques and Procedures of Management

### Unit –II

Management Audit Programme and Review of Management Functions: Production, Distribution, Development, Personal and Industrial Relations,

### Unit –III

Appointment of Management Auditor, Rights, Duties and Responsibilities, Concept of Social Audit and Its Significance, Environment Audit and Energy Audit.

### Unit –IV

Review of MIS, Review of R & D Operation, Review of General Management Functions, Audit of Public Sector Undertaking, Audit of Co-operative Societies.

### Unit –V

Review of Purchase operations, Review of Manufacturing Operations, Review of Personnel Audit, Appraisal of Management Decisions and Management Audit Reports.

Note: The candidate shall be permitted to use battery operated pocket calculator that should not have more 12 digits, 6 functions and 2 memories and should be noiseless and cordless.

### Books Recommended:

1. Khandelwal M.C. :Management Audit, Ramesh Book Depot, Jaipur (Hindi)
2. Choudhary D :Management Audit and Cost Audit, New Central Book Agency, Calcutta
3. Ramanathan :Cost and Management Audit, Tata Mcgraw Hill, New Delhi, Kolkata
4. Cona W.L. Management Audit (Prentice Hall)
5. Tikhe J.G.: Cost Audit and Management Audit (Bangalore Chapter of Cost Accountants).
6. Kamal Gupta: Contemporary Audit (Tata MC Graw Hill)
7. Agarwal N.P. & Govind Pareek: Cost and Management Audit, Ramesh Book Depot, Jaipur
8. Saxena & Vasisth : Cost & Management Audit

## MCC –D 03 Portfolio Management

**Duration: 3 Hours**

**Max. Marks: 100**

Note:- There will be five questions in all. The candidate will require to attempt all the questions selecting one question from each unit with an internal choice (either/or).

### **Unit –I**

Portfolio Analysis: Estimated Rate of Return and Standards Deviation of Portfolio, Marketwise Risk and Return Optimization,

### **Unit –II**

Single Index, Model, Portfolio Total Risk, Portfolio Market Risk and Unique Risk, Sharpe Optimization Solution.

### **Unit –III**

Capital Market Theories: Capital Market Line and Security Market Line, Risk Free Lending and Borrowings, Facto Model, Arbitrages Price Theory, Two Factors and Multifactor Model, Principal Arbitrage portfolios.

### **Unit –IV**

Efficient Market Hypothesis: Portfolio Performance Evaluation Measurement of Return, Risk Adjusted Measure of Return, Market Timing Evaluation Criteria and Processor.

### **Unit –V**

Portfolio Evaluation- Sharpe Treynor and Jensen Model, Portfolio Revision

### **Recommended Books:**

1. Security Analysis and Portfolio Management P. Pandian
2. Investment Analysis and Portfolio Management Madhumati Rangrajan

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## MCC D 04 Dissertations

Max. Marks: 100

### Important Note:

1. Dissertation will be completed in the guidance of supervisor on particular topic of research.
2. Supervisor will be allotted to the student by the Head of the Department. Topic of Research will be allotted by the Supervisor.
3. Five copies of Dissertation should be prepared in hard bound and cover should be lemon yellow cover in standard format as explained by the supervisor.
4. Three copies of Dissertation should be submitted in the Department. One copy should be provided to the supervisor at the time supervisor is approving dissertation by his/her signature. One copy should be kept by the student for his/her record.
5. Dissertation should be submitted in the Department before commencement of Examination.

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