

**UNIVERSITY OF RAJASTHAN,**  
**JAIPUR**


**M.A./M.SC./M.COM**

Master of Cost Control and Accounts

**2013-2014 (PREVIOUS)-I/II SEMESTER**

**2014-2015 (FINAL)- III/IV SEMESTER**

Prepared by Pushp

Checked by   
1219

A	4.50 to 5.49	0.1
B	3.50 to 4.49	0.1
C	2.50 to 3.49	0.1
D	1.50 to 2.49	0.12
E	0.50 to 1.49	0.08
F	0.00 to 0.49	0.5

For example (i) CGPA of 5.73 is equivalent to 86.5%, (ii) CGPA of 5.12 is equivalent to 71.2%, (iii) CGPA of 4.34 is equivalent to 63.4%, (iv) CGPA of 3.26 is equivalent to 52.6%, (v) CGPA of 2.17 is equivalent to 41.04%, and (vi) CGPA of 1.11 is equivalent to 29.88%.

## 2. Eligibility:

A candidate who has secured more than 50% or CGPA of 3.0 in the UGC Seven Point scale ( 45% or CGPA 2.5 in the UGC Seven Point Scale for SC/ST/Non-creamy layer OBC] or equivalent in the Bachelor degree in Arts, Commerce and Science or Engineering or Technology or Medicine or Pharmaceutical Science shall be eligible for admission to First Semester of a Master of Cost Control and Accounts course.

As per prospectus

## 3. Scheme of Examination:

- (1) Each theory paper EoSE shall carry 100 marks The EoSE will be of 3 hours duration. Part 'A' of theory paper shall contain 10 Short Answer Questions of 20 marks, based on knowledge, understanding and applications of the topics/texts covered in the syllabus. Each question will carry two marks for correct answer.
- (2) Part "B" of paper will consist of four questions with internal choice (except in cases where a different scheme is specifically specified in the syllabus of 20 mark each. The limit of answer will be five pages.
- (3) Each Laboratory EoSE will be of four/six hour durations and involve laboratory experiments/exercises, and viva-voce examination with weight age in ratio of 75:25.

## 4. Course Structure:

The details of the courses with code, title and the credits assign are as given below.

Abbreviations Used

Course Category

CCC: Compulsory Core Course

ECC: Elective Core Course

OEC: Open Elective Course

SC: Supportive Course

SSC: Self Study Core Course

SEM: Seminar

PRJ: Project Work

RP: Research Publication

Contact Hours

L: Lecture

T: Tutorial

P: Practical or Other

S: Self Study

Relative Weights

IA: Internal Assessment (Attendance/Classroom Participation/Quiz/Home Assignment etc.)

ST: Sessional Test

EoSE: End of Semester Examination

**First Semester**


S. No.	Subject Code	Course Title	Course Category	Credit	Contact Hours Per week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
1.	MCC 101	Elements of Cost	CCC	8	6	2	0	3	0
2.	MCC 102	Business Statistics	CCC	8	6	2	0	3	0
3.	MCC 103	Fundamentals of Income Tax	CCC	8	6	2	0	3	0
4.	MCC 104	Fundamentals of Accounting	CCC	6	4	2	0	3	0
5.	MCC 105	Financial Management and Control	CCC	6	4	2	0	3	0

## Second Semester

S. No.	Subject Code	Course Title	Course Category	Credit	Contact Hours Per week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
1.	MCC 201	Methods of Costing	CCC	8	6	2	0	3	0
2.	MCC 202	Optimisation Techniques	CCC	8	6	2	0	3	0
3.	MCC 203	Corporate Tax Planning	CCC	8	6	2	0	3	0
4.	MCC 204	Cost Accounting Standards	CCC	6	4	2	0	3	0
5	MCC 221	Project Work and Report writing	PRJ	6	0	0	9	0	1

## Third Semester

S. No.	Subject Code	Course Title	Course Category	Credit	Contact Hours Per week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
1.	MCC 301	Techniques of Costing	CCC	8	6	2	0	3	0
2.	MCC 302	Cost Audit	CCC	8	6	2	0	3	0
3.	MCC 303	Advanced Accounting	CCC	6	4	2	0	3	0
4.	MCC 304	Operating Research Techniques	CCC	8	6	2	0	3	0
5.	MCC 305	Indirect Taxes	CCC	6	4	2	0	3	0

  
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## Fourth Semester

S. No.	Subject Code	Course Title	Course Category	Credit	Contact Hours Per week			EoSE Duration (Hrs.)	
					L	T	P	Thy	P
1.	MCC 401	Cost Analysis for Decision Making	CCC	8	6	2	0	3	0
2.	MCC 402	Recent Developments in Cost Management	CCC	8	6	2	0	3	0
3.	MCC 403	Management Audit	CCC	6	4	2	0	3	0
4.	MCC 404	Project Planning and Appraisal	CCC	6	4	2	0	3	0
5.	MCC 421	Dissertation and Viva- Voce	PRJ	8	0	0	12	0	1

**MCC 101: ELEMENTS OF COST**

## Section A

**Introduction:** Meaning and definition of cost accountancy, Cost Accounting and costing, Need and Importance, Distinction between financial and cost accounting, Elements of Cost. **Material:** Purchasing, storing and pricing of material, Determination of stock levels.

## Section-B

**Labour/Employee Cost:** Recording of time and wages, methods of remuneration, Incentive plans, Labour turnover, treatment of idle time and overtime.

## Section-C

**Overhead:** Meaning, Collection, Classification, Allocation and Absorption of overheads; treatment of interest of capital, research and development expenses, waste, obsolescence and defectives.

## MCC 102: BUSINESS STATISTICS

### Section A

Statistics : Meaning, Scope, Importance, Functions, Advantages and Limitations. Types of Data, Methods of Collection, Classification and Tabulation of Data. Measures of Central Tendencies, Dispersion and Skewness.

### Section B

Correlation and Linear Regression. Theory of probability. Theoretical Frequency Distributions: Binomial, Poisson and Normal.

### Section C

Sampling Theory : Tests of Significance – 'Z' 't', 'F' and Chi-Square Test, Analysis of Variance.

## MCC 103: FUNDAMENTALS OF INCOME TAX

### Section A

Definitions, types of assessee, basis of charge and residential status, Heads of income, Computation of income under the heads Salaries and House Properties.

### Section B

Computation of income under Business and Profession, Capital Gains and Other Sources, Incomes Exempt from Tax.

### Section C

Clubbing of incomes, Set off and Carry forward of losses, Deductions from Gross Total Income.

## MCC 104: FUNDAMENTALS OF ACCOUNTING

### Section A

Accounting : Nature, Postulates, Assumptions and Conventions, Books of Original Records, Subsidiary Books, Ledger and Trial Balance.

### Section B

Matching of cost and revenue, Preparation of Income Statement and Balance Sheet with adjustments, Rectification of Errors.

### Section C

Analysis of Financial Statements - Technique of Ratio Analysis, Comparative Statements and Common Size Statements.

## MCC 105 : FINANCIAL MANAGEMENT AND CONTROL

### Section A

Introduction : Meaning, Objectives and Sources of Finance, Capital Structure Planning , Theories of Capital Structure, Cost of Capital and Leverages.

### Section B

Meaning and Importance of Financial Analysis, Tools of Financial Analysis : Funds flow and Cash flow analysis

### Section C

Working Capital Management – Estimating working capital requirement, Inventory Management, Receivables Management and Cash Management, Dividend Policy and Dividend Decisions.

## MCC 201: METHODS OF COSTING

### Section-A

Unit costing, Costing of Service Sector -Operating Costing

### Section-B

Job and Contract Costing, Process Costing (Including treatment of joint and bye-product and Equivalent production)

### Section-C

Reconciliation of cost and financial accounts, Cost ledger and cost control accounts, Integrated accounting.

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## MCC 202: OPTIMISATION TECHNIQUES

### Section A

Optimisation Techniques : Nature, Significance, Features and Need, Types of Models, Properties of good model, Advantages and limitations, Scope of Optimisation Techniques. Linear Programming : Graphic and Simplex Method, Concept of Dual.

### Section B

Transportation and Assignment Models.

### Section C

Decision Theory : Risk and uncertainty condition, The Bayesian decision theory, Decision tree analysis. Game Theory : Two persons zero sum game.

## MCC 203: CORPORATE TAXATION AND TAX PLANNING

### Section A

Study of Income Tax law and Rules with reference to Assessment of Companies, Deduction of Tax at Source and Advance Payment of Tax, Assessment procedure, Appeals and Revisions.

### Section B

Tax Planning : Meaning, Tax Avoidance and Tax Evasion, Recognised methods of tax planning : legal diversion of income, getting maximum advantage of tax incentives, tax holidays, deductions and reliefs.

### Section C

Tax Planning in respect of capital gains, Tax Considerations in specific management decisions : Purchase or lease an asset, Issue of shares or debentures, Repair or replace an asset, Export Vs. Domestic sales etc.

## MCC 204: COST ACCOUNTING STANDARDS

### Section A

Cost Accounting Standards : Introduction, Concept, Need and Significance. Development of Cost Accounting Standards in India, Role of Institute of Cost and Works Accountants of India, Nature of Cost Accounting Standards, Recognition of Cost Accounting Standards (CAS), Cost Accounting Standards Issued by ICWAI.

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**Section B**

CAS 1 to CAS 6

**Section C**

CAS 7 to CAS 12

**MCC 221: PROJECT WORK AND REPORT WRITING****MCC 301: TECHNIQUES OF COSTING****Section-A**

Marginal Costing and Break-even analysis. Application of Incremental/ Differential Cost Technique in Managerial Decisions, Uniform Costing.

**Section-B**

Standard Costing: Introduction, Definition Objectives, Computation of Variances: Material, Labour, Overheads, Sales and Profit Variances, Reporting of variances, Accounting procedure for standard cost. Inter-firm comparison.

**Section-C**

Budget and Budgetary Control: Introduction, Preparation of different types of budgets, Interrelationship of different budgets, Zero Base Budgeting, Performance Budgeting, Budget Ratio and Budget variance.

**MCC 302: COST AUDIT****Section A**

Cost Audit: Introduction, Meaning, Nature and Scope, Cost Auditor – Qualification, Rights, Duties and Responsibilities, Relationship Between Statutory Auditor, Internal Auditor and Cost Auditor.

**Section B**

Professional ethics and misconduct, Special penal provisions for cost auditor, Preparation of Cost Audit Programme, Evaluation of internal control system including inventory, capacity utilisation, management information system and internal audit.

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**Section C**

Preparation and verification of cost records: Cost Accounting Record Rules u/s 209 (1) (d) of the Companies Act, 1956 (only basic knowledge is required), Use of sampling methods, Cost Audit Reports and Review of cost audit report by Government.

**MCC 303: ADVANCED ACCOUNTING****Section A**

Issue and forfeiture of shares, Issue of debentures, Redemption of Preference shares and debentures, Buy-back of shares.

**Section B**

Disposal of Profits, Preparation of Corporate Financial Statements; Schedule 6 of Companies Act, 1956. Basic Knowledge of IFRS.

**Section C**

Measurement of business income under inflation; Price level accounting and business decisions; Concept of EVA and MVA. Corporate Reporting Practices in India and Corporate Governance.

**MCC 304: OPERATION RESEARCH TECHNIQUES****Section A**

Operations Research : Nature, Scope and Importance, Different O.R. models. Waiting Line Theory : Single Queue and Single Service System.

**Section B**

Net Work Analysis : PERT and CPM

**Section C**

Simulation : Nature, Scope, Types and Advantages. Replacement Model and Sequencing

**MCC 305: INDIRECT TAXES****Section A**

Rajasthan Value Added Tax Act, 2003, Variants of VAT, Computation of VAT liability.

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**Section B**

Central Sales Tax Act : Definitions, Inter state sales, Sales in course of Import/Export, Sale out side the state, Computation of CST. Customs Act, 1962 : Basic Concepts, Import and Export Procedure, Warehousing, Duty drawback etc.

**Section C**

Service Tax Act, 1994 : Basic concepts, Classification, Valuation and Procedural Aspect. Central Excise Act, 1944 : Basic concepts, Valuation, Cenvat Credit, General procedures etc.

**MCC 401: COST ANALYSIS FOR DECISION MAKING****Section-A**

Cost Concepts: Direct and Indirect Cost, Variable and fixed cost, incremental and differential cost, relevant and irrelevant cost. Product and production decisions, Make or buy decision, Shut down or continue decision, Expand or contract decision, Export Vs. domestic sale decision etc.

**Section-B**

Marketing and Pricing decisions, Theory of price, Pricing policy, New product pricing, Pricing strategies, Export pricing, evaluation of distribution alternatives, pricing of joint-product and Bye-product. Learning Curve Theory.

**Section-C**

Transfer Pricing: Problems, methods and concept of transfer pricing with reference to profit centres, Methods of transfer pricing, Objectives of transfer pricing system. Multi-National Transfer Pricing, Cost reduction and Value analysis.

**MCC 402 : RECENT DEVELOPMENTS IN COST MANAGEMENT****Section A**

Developments in Business Environment, Impact of Changing Environment on Cost Management, Manufacturing Resource Planning(MRP), Just In Time(JIT),

Backflushing, Synchronous Manufacturing. Value Chain Analysis.

**Section B**

Business Process Re-engineering, Life Cycle Costing, Target Costing, Pareto Analysis, Throughput Accounting, Total Quality Management(TQM)

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## Section C

Balance Score Card, Bench Marking, Kaizen Model, Activity Based Costing.

## MCC 403: MANAGEMENT AUDIT

## Section A

Management Audit : Meaning, Nature, Objectives and Scope, Difference between financial audit, cost audit and management audit, Concept of Efficiency, Proprietary and Operational Audit, Specific areas of management audit.

## Section B

Review of Internal Control System, Review of Purchasing Control, Review of Selling and Distribution Policies and Review of Manufacturing Operations.

## Section C

Government Audit, Corporate Social Audit – Concept, Dimensions, Importance and Techniques.

## MCC 404: PROJECT PLANNING AND APPRAISAL

## Section A

Identification of Investment Opportunity, Market and Demand Analysis, Estimation of cost of project and Means of financing, Profitability and Financial Projections and Tax Implications.

## Section B

Risk Analysis, Sensitivity Analysis, Social Cost Benefit Analysis, Appraisal Procedure by Financial Institutions.

## Section C

Evaluation of Different Alternatives and Capital Budgeting Decisions, Capital Rationing, Project Implementation, Project Control and Project Review.

## MCC 421: DISSERTATION AND VIVA- VOCE

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