



**UNIVERSITY OF RAJASTHAN**

**JAIPUR**

**SYLLABUS**

**M.Com.**

**Accountancy & Business Statistics**

**Semester Scheme**

**I/II Semester Examination      2020-21**

**III/IV Semester Examination    2021-22**

(1)

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## M.COM IN ABST (SEMESTER SCHEME)

### Semester-1

#### Compulsory Courses

ABS 101: Business Mathematics and Statistics

ABS 102: Direct Tax

ABS 103: Advanced Cost Accounting

#### Optional Courses (Select any three)

ABS-A 01: Management & Operational Audit

ABS-A02: Financial Reporting

ABS- A 03: Tax<sup>and</sup> Audit & Practical

ABS-A04 : Information System & Accounting

### Semester-II

#### Compulsory Courses

ABS 201: Advanced Business Statistics

ABS 202: Tax Planning & Management

ABS 203: Advanced Corporate Accounting

#### Optional Courses (Select any three)

ABS-B01: Security Analysis

ABS-B 02: Financial Services

ABS-B 03: Operations Research Optimisation Techniques

ABS-B 04: Computerised Accounting

## **Semester-III**

### **Compulsory Courses**

ABS 301: Advanced Management Accounting

ABS 302: Goods and Service Tax (GST)

ABS 303: Research Methodology

### **Optional Courses (Select any three)**

ABS-C01: Operation Research for Decision Making

ABS-C02: Financial & Commodity Derivatives

ABS- C 03: Cost Audit

ABS-C04: Portfolio Management

## **Semester-IV**

### **Compulsory Courses**

ABS 401: Advanced Auditing

ABS 402: Accounting for Service and Government Sector

ABS 403: Cost Management for Decision Making

### **Optional Courses (Select any three)**

ABS-D01: Strategic Financial Management

ABS-D 02: Project Planning & Management

ABS-D 03: Accounting Standards

ABS-D 04: Dissertation

# ABST

## M.Com Semester-I

### ABS 101: Business Mathematics and 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

Arithmetic, Geometric and Harmonic Progressions, Set Theory

#### Unit –II

Permutation and Combination and Theory of probability

#### Unit –III

Interpolation and Extrapolation, Moments and Kurtosis, Significance of Statistics in different fields

#### Unit –IV

Theoretical Frequency Distribution- Binomial, Poisson and Normal Distribution

#### Unit –V

Statistical Decision Theory & Statistical Quality Control

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 : Business Statistics, (Hindi and English)
4. Sharma, Jain & Pareek : (Quantitative Methods and Their Applications (Hindi)
5. : Statistical Analysis (Hindi)
6. Sharma, Jain & Pareek : Business Mathematics & Statistics (Hindi)

**ABST**  
**M.Com Semester-I**  
**ABS 102:-Direct Tax**

**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**

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

**Unit –II**

Assessment of Trust, Assessment of Local Authorities

**Unit –III**

Assessment of Non- residents and Representative Assessee.

Advance Ruling, Double Taxation Relief and Foreign Collaboration

**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

**ABST**  
**M.Com Semester-I**  
**ABS 103: Advance Cost 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**

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. Learning Curve Theory.

**Unit –II**

Integrated and non-integrated cost accounts (Cost Ledger or Cost Control Accounts), Reconciliation of cost and financial accounting.

**Unit –III**

Process Costing: Accounting treatment of losses during processing, inter-process profit. By Product and Joint-Product. Equivalent Production, Uniform Costing and Inter-firm Comparison. Ratios useful for inter-firm Comparison.

**Unit –IV**

Meaning of concept of Marginal Costing: Break-even Analysis and Differential costing. Valuation of stock under marginal and absorption costing. Production decisions based on Marginal Costing (Make or Buy. Manual or Machine, Key Factor based product mix only)

**Unit –V**

Marketing decisions and other decision based on Marginal Costing (Own or lease, replace, now or later, shut down or continue only)

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

**ABST**  
**M.Com Semester-I**  
**ABS A- 01-Management & Operational 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 Audit. Management Audit Programme.

**Unit –II**

Review of Management Functions: Production, Distribution, Development, Personal and Industrial Relations, Review of Research and Development and General Management Functions.

**Unit –III**

Audit of Public Sector undertakings, Bank Audit, Audit of General Insurance Companies.

**Unit –IV**

Review of Personnel Audit, Appraisal and Review of Management Information System and Audit of Cooperative societies.

**Unit –V**

Review of Purchasing operations, Review of Manufacturing Operations, Appraisal of Management Decisions, Corporate Social Audit.

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. Choudhary D : Management Audit and Cost Audit
2. Ramanathan : Cost and Management Audit
3. Rose T. G : Management Audit
4. Kamal Gupta : Contemporary Audit
5. Agrawal N P & Govind Pareek : Cost and Management Audit
6. Saxena & Vasisth : Cost and Management Audit

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**ABST**  
**M.Com Semester-I**  
**ABS A- 02-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 Statement.

**Unit –II**

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

**Unit –III**

Environmental Accounting, Corporate Social Reporting.

**Unit –IV**

Human Resource Accounting, Inflation Accounting.

**Unit –V**

Recent Developments in financial Reporting system: Web Enabled Reporting. Value Reporting, Segment Reporting (AS-17).

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 : Higher Accounting (Hindi and English)
2. Agarwal B D : Advanced Financial Accounting
3. Porwal, L. S : Accounting Theory
4. Agarwal, Agarwal Jain, Bansal : Financial Reporting, RBD, Jaipur (Hindi)



**ABST**  
**M.Com Semester-I**  
**ABS 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, Khandelwal Pareek : 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. Lokhotia R.N. : Assessment of Companies and their officers
8. Patel & Choudhary : Wealth Tax, Corporate Tax

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**M.Com(ABST) Semester-II**  
**ABS201 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. Agarwal N P : Advanced Business Statistics

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## ABS 202 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. N.K. Sharma : Tax Planning, RBD, Jaipur (Hindi)
2. Singhanian V..K. : Direct Taxes Law and Practice
3. R.N. Lakhotiya : Tax Management
4. H.P. Raina : Corporate Taxation – A Handbook
5. Shah C.K.: Tax Planning, RBD, Jaipur
6. Patel and Choudhary : Tax Planning (Hindi & English)

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## M.Com(ABST) Semester-II

### ABS 203: Advanced Corporate 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

Accounting of Corporate Restructuring, Internal Reconstruction, and Buy Back of Shares.

#### Unit –II

Consolidated Financial Statements- Income Statement and Balance Sheet Including Inter-company holdings.

#### Unit –III

Accounting for Mergers and Acquisitions, Application of Accounting of Standard 14.

#### Unit –IV

Liquidation of Accounts – Statement of Affairs and Liquidator's Final Statement of Account, Valuation of Brand, Objectives of Corporate Branding and Accounting of Brand.

#### Unit –V

Analysis and Interpretation of Corporate Financial Statements.

#### Books Recommended:

1. Ravi M Kishore : Advanced Accounting
2. Sehgal & Sehgal : Corporate Accounting
3. Gupta S.P. : Company Accounts Volume II

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## ABS –B 01: 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 : Madhumati Rangrajan

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## **ABS-B 02: Financial Services**

**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, role of financial system, scope, importance, types and innovative financial services.

### **Unit –II**

Mutual Funds: concept, evolution of Mutual funds, types, organisation of Mutual Funds and valuation method of individual scheme i.e. Net Present Value.

### **Unit –III**

Factoring: concept, meaning, procedure of workings, types and future prospects, Forfeiting: concept, meaning, salient features, difference between factoring and forfeiting and operating procedure.

### **Unit –IV**

Securitization of Debts: Introduction, meaning, objective, importance, advantages and structure of Securitization, Credit Rating: Concept, Meaning types, advantages, credit rating v/s Financial Analysis and procedure of credit rating

### **Unit –V**

Treasury and Wealth Management Services, Custodian Services, Pension Fund- Role of PFRDA

### **Books Recommended:**

1. Avdhani A.V. : Financial Services in India, Himalaya Publications
2. Khan M.Y. : Financial Services, Tata McGraw Hills.
3. Bhole L.M. : Financial Markets and Institutions.
4. Agashe Anil: Financial Service Markets and Regulations

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## **ABS- B 03: 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 LP .

### **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

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## ABS- B 04: 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



**M.Com(ABST) Semester-III**  
**ABS 301 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.

**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. Oswal, Mangal & Bidawat : Cost Analysis & Control
2. Ravi M Kishore : Advanced Management Accounting
3. Saxena & Vashist : Advanced Management Accounting

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**M.Com(ABST) Semester-III**  
**Optional Paper – ABS- 302**  
**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**

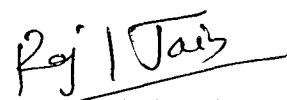
Procedure of Registration Under GST, Maintenance of Books and Records, Filling of Returns, Computation of GST, Payment of Tax, Reverse Charge, Refund of Tax.

**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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**Semester-III**  
**ABS303 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 etc

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) *Research methodology and Statistics*
6. Mathur, Khandelwal, Gupta : ----- Me
7. Mehta, Gupta: Research Methods in Management, RBD, Jaipur
8. Himanshu Saxsena: Research Methods in Management, RBD, Jaipur

## Semester-III

### ABS–C-01:Operation Research for Decision Making 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

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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## ABS –C-02 FINANCIAL AND COMMODITY DERIVATIVES

**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

Derivatives Definition- Types- Forward Contracts- Futures Contracts Options Differences between Cash and Future Markets- Types of Traders Exchange Traded Securities- Types of Settlement- Uses and Advantages of Derivatives- Risks in Derivatives. .

### Unit –II

Specifications of Futures Contract- Margin Requirements- Marking to Market- Hedging using Futures- Types of Future contracts- securities. Stock Index Futures, - Relationship between future prices, Forward Prices and Spot Prices.

### Unit –III

Call and Put Options- American and European Options- Intrinsic Value and Time Value of Options-Option Payoff, options on Securities, Stock Indices, Currencies and Futures- Options pricing models Black Schales and Black 76 models- Differences between future and Option contracts

### Unit –IV

Advance derivative strategies, Hedging, Spread and arbitrage strategies

### Unit –V

Currencies and Commodities Derivatives, Commodity derivative strategies.

### Books Recommended:

1. John C. Hull, Options, Futures and other Derivative Securities, PHI Learning, 7<sup>th</sup> Edition, 2008
2. Keith Redhead, 'Financial Derivatives- An Introduction to Futures Forwards, Options and SWAPs'- PHI Learning, 2008
3. Stulz, Risk Management and Derivatives, Cengage Learning 1<sup>st</sup> Edition, 2008
4. Verma Derivatives and Risk Management, 1<sup>st</sup> Edition 2008
5. David Dubofsky- 'Option and Financial Futures Valuation and Uses, McGraw Hill International Edition.
6. S.L.Gupta, Financial Derivatives- Theory, Concepts and Practice, Prentice Hall of India, 2008

## **ABS–C03**

### **Cost Audit**

#### **Unit –I**

Cost Accounting Standards (CAS) Introduction, Concept, Need and Significance

CAS-1 to CAS 12. .

#### **Unit –II**

CAS-13 to CAS 24

#### **Unit –III**

Cost Audit Meaning and origin of Cost Audit, Relevance and objectives of cost-audit nature, advantages and disadvantage of cost audit difference between financial audit and cost audit aspects of cost audit.

#### **Unit –IV**

Cost Auditor- Qualification, Disqualifications, Appointment Rights and duties Professional Ethics, Cost Audit Programme.

#### **Unit –V**

Cost Accounting Records & Rules, verification of Cost Records and Reports, Cost audit of Productivity, energy & Pollution Control, Companies (Cost Records and Audit) Rules, 2014, CARO-2016 under Indian Companies Act 2013

#### **Books Recommended:**

1. Jain, Khandelwal, Pareek Cost & Management Audit Ramesh Book Depot- Jaipur
2. Khandelwal: Management Audit Ramesh Book Depot Jaipur
3. Choudhary D: Management Audit & Cost audit New Central Book Agency Kolkata.
4. Ramanathan: Cost and Management Audit Tata, McGraw Hill, New Delhi, Kolkata.
5. Rose T.G. Management Audit (Gel & Co, Landon).
6. Cona W.L. Management Audit (Prentice Hall)

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## ABS-C 04 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, 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

### 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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**Semester-IV**  
**ABS401 Advanced Auditing**

**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**

Audit Standards- Meaning, Need and Objectives, Introduction to Different Audit Standards.

**Unit –II**

Investigation and Due- Diligence- Meaning, Difference between Audit and Investigation, Investigation of Frauds, Financial Due- diligence and Reporting, Concept of Environmental Audit, Energy Audit and Public Expenditure Audit.

**Unit –III**

Tax Audit Concept, Significance, Objectives and Scope, Need of Tax Audit, Legal Provisions, Maintenance of Books..

**Unit –IV**

Appointment of Tax Auditor, Process of Tax Audit, AS-22 and Guidance Notes Issued by ICAI and Tax Audit Reports.

**Unit –V**

Audit of Life Insurance Companies and NBFCs, Excise Audit GST Audit, Corporate Governance and clause 49

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## ABS – 402

### Accounting for Service and Government Sector

#### Unit –I

Final Accounts of Banking Companies.

#### Unit –II

Financial Statement of life and Non-Life Insurance Companies.

#### Unit –III

Final Accounts of Electricity Companies and Double Accounts System.

#### Unit –IV

Government Accounting –Accounting Books: Daily Income Register, Case Book, Stock Register, Source of Capital and Revenue Receipt, Contingency Fund.

#### Unit –V

Internal Audit, Departmental Audit and CAG audit in Government sector.

#### Recommended Books:

1. Ravi M Kishore, Advance Accounting
2. PC Tulsiyan

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## **ABS – 403 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 Co Decision Making –Relevant 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.

### **RecommendedBooks:**

1. Ravi M Kishore : Advance Management
2. Khan & Jain : Management Accounting, Text and Cases
3. Pandey I. M.: Management Accounting
4. Mehta B.K. : Management Accounting

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## ABS – D01

### Strategic Financial Management

#### Unit –I

Indian Financial System, Information to Financial Market, Role of Financial Market in Economic Development, Financial Policy and Corporate Strategy, Strategic Decision making framework, corporate Valuation, Conceptual Framework of Valuation, Methods of Corporate Valuation

#### Unit –II

Risk Management, Identification of types of Risk Faced by an organisation, Evaluation of Financial Risks, Evaluation of appropriate method for the identification and management of financial risk.

#### Unit –III

Foreign Exchange Exposure and Risk Management, Exchange rate determination, Foreign currency market, Management of transaction, translation and economic exposures, Hedging currency risk, Foreign exchange derivatives- forward, futures, options and swaps..

#### Unit –IV

Mergers, Acquisitions and corporate Restructuring, Conceptual Framework, Different Forms of Mergers and Acquisitions, Reverse Merger, Demerger, Ownership Restructuring Management /Leveraged Buyouts, Cross Border Mergers.

#### Unit –V

Startup Finance, Introduction including Sources of Funding, Start up India Initiative, Small & Medium Enterprises Market Size, Employment Generation and Contribution to GDP

#### Books Recommended:

1. Prasanna Chandra : 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

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## ABSD 02 Project Planning & Management

Max. Marks: 100

Duration: 3 Hours

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

Project Management, Project Management System and System Development Cycle, Project Feasibility Study.

### Unit -II

Project Planning, Project Evaluation, Managing Risk in Projects

### Unit -III

Project Organization Structure, Risk and Sensitivity Analysis, Social Cost Benefit Analysis

### Unit -IV

Cost Estimation and Budgeting, Network Analysis (PERT & CPM).

### Unit -V

Project Control, Project Management Information System, Project Management Performance.

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. Prasanna Chandra : Project Preparation Appraisal Budgeting and Implementation
2. Dean J : Capital Budgeting (Columbia University Press. New York.1973)
3. Agarwal N.P. and Mishra B.K. : Project Planning, Ramesh Book Depot. Jaipur
4. Himanshu Saxsena: Project Management, RBD, Jaipur

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## ABS D 03 Accounting Standards

**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).

**Important Note :** Business Problems based on Accounting Standards will also be asked in the examination.

### Unit –I

Introduction to AS, IndAS, Guidance Notes and Schedule III of Companies Act, 2013  
Introduction to IPRS,

AS 1 Disclosure of Accounting Policies, AS3Cash Flow Statements (Revised).

AS 4 Contingencies and Events Occurring after the Balance Sheet Date,

AS 5 Net Profit or Loss for the period, Prior Period Items and Changes in Accounting Policies (Revised), AS 9 Revenue Recognition 01/04/1993

### Unit –II

AS 2 Valuation of Inventories (Revised), AS 6 Depreciation Accounting (Revised)

AS 10 Accounting for Fixed Assets, AS 16 Borrowing Costs

AS 26 Intangible Assets, AS28 Impairment of Assets

### Unit –III

AS 7 Construction Contracts (Revised), AS 11The Effects of Changes in Foreign Exchange Rates (Revised)

AS 12 Accounting for Government Grants, AS 13 Accounting for Investments

AS 14 Accounting for Amalgamations, AS 20 Earnings Per Share

### Unit –IV

AS 17 Segment Reporting, AS 18 Related Party Disclosures

AS 21 Consolidated Financial Statements, AS 23 Accounting for Investment in Associates in Consolidated Financial Statements

AS 25 Interim Financial Reporting, AS 27 Financial Reporting of Interests in Joint Ventures

### Unit –V

AS 15 Employee Benefits, AS 19 Leases

AS 22 Accounting for Taxes on Income, AS 24 Discontinuing Operations

AS 29 Provisions, Contingent Liabilities and Contingent Assets.

## ABS 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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