

**B.Com. Part- I**  
**Detailed Course Contents**  
**Group-‘A’**  
**Paper-I: Accounting**

**Pattern of Examination:**

The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question divided into two parts i.e. (a) and (b) carrying 10 marks each out of which at least one numerical / practical question shall be asked. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each. Four questions out of six shall be of numerical/practical problems.

**1. Nature, Principles and Concept of Accounting:**

- (a) Nature of Accounts, Bases of Accounting, Users of Accounting Information.
- (b) Principles of Accounting- Accounting Concepts and Conventions.
- (c) Indian Accounting Standards- a brief study.

**2. Government Accounting and Lease Accounting:**

- (a) **Government Accounting:** Meaning, Objectives, Principles, Structure of Funds, Compilation of Accounts and Functions of Treasury.
- (b) **Lease Accounting:** Meaning, Significance, Classification of Leases- Operating and Finance, Accounting treatment.

**3. Reserves and Funds:**

Reserves for Ascertained, Anticipated and Contingent Liabilities, Reserve Funds, Specific Funds (Dividend Equalization Fund, Insurance Fund), Sinking Funds, Secret Reserves.

**4. Royalty Accounts:** Basic Terms- Royalty, Dead Rent, Short Working etc., Entries in the books of Lessee and Lessor. **Practical Problems**

**5. Accounts of Installment Retailing:**

(a) **Hire Purchase System:** The System and its Operation, Analysis of Installment from Accounting View Point, Entries in Hire Purchasers' Books, Entries in Hire Vendors' Books, The System Appropriate to the Sale of Large number of Articles of Small Value. **Practical Problems**

(b) **Installment Payment Method:** System and its Operation, Entries in the Books of the Buyer, Entries in the Books of the Seller, Comparison with Hire Purchase System. **Practical Problems**

6. **Accounts of Branch Organisation:** Features of Suitable System of Branch Accounts, Accounts Relating to Branches Authorized to Sell Goods Supplied at Cost Price by the Head Office for Cash as well as on Credit, Accounts relating to Branches when Goods Supplied by the Head Office at Marked Price, Accounts Relating to Independent Branches, Accounts Relating to Foreign Branches. **Practical Problems**

7. **Accounting of Insurance Claims:** Stock Insurance, Loss of Profit Insurance. **Practical Problems**

8. **Amalgamation of Companies:** Amalgamation in the Nature of Merger and Amalgamation in the Nature of Purchase; Purchase Consideration; Pooling of Interest Method and Purchase Method; Entries Relating to Realization Expenses. Accounting Entries, **Practical Problems**

9. **Accounting of Holding Companies:** Holding Companies- Its Rational Legal Definition, Advantages and Disadvantages; Consolidated Balance Sheet; Minority Interest, Cost of Control, Pre-acquisition and Post-acquisition Profit. **Practical Problems**

10. **Liquidation of Company:** Order of Payment; Preferential Creditors; Contributories; Liquidator's Final Statement of Account. **Practical Problems**

### **Suggested Readings:**

1. Jagdish Prakash: Advanced Accountancy; PPB, Allahabad (Hindi & English)
2. Ramendu Roy: Accounting Principles and Practice; PPB, Allahabad (Hindi & English)
3. Jain & Narang: Advanced Accountancy; Kalyani Publishers, Ludhiana
4. Maheshwari & Maheshwari: Advanced Accountancy; Vikas Publishing House, New Delhi
5. R. K. Singh, P. Saxena & A. Agrawal: Advanced Accountancy, SPB, Allahabad (Hindi & English)

## **B.Com. Part- I**

### **PAPER- II: BUSINESS LAW**

#### **Pattern of Examination:**

**The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question carrying 20 marks. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each.**

#### **1. Law of Contract:**

The Indian Contract Act, 1872 Sections 1 to 31, 56, 64,65,68,70 to 75, 124, 126, 148 to 151, 170, 172, 182 to 189, 201 and 211 to 225.

#### **2. Sale of Goods Act, 1930:**

Contract of Sale- Essentials of a Contract of Sale, Sale and Agreement to Sell; sale and gift, Sale and Barter, Sale and Bailment; Subject Matter of contract of sale, Types of goods, Effect of destruction of subject matter; Price- Mode of fixing the price; Conditions and Warranties, Implied Condition and warranties; Doctrine of Caveat Emptor; Transfer of ownership and title, Performance of contract of sale; Unpaid seller- Rights of unpaid seller; Suit for breach of contract; Sale by Auction.

#### **3. The Limited Liability Partnership Act, 2008:**

Salient Features, Difference between LLP and Partnership, LLP Agreement, Partners and Designated Partners- Duties and Responsibilities, Incorporation and Registration, Extent of liability of LLP and Partners, Dissolution.

#### **4. Negotiable Instruments Act, 1881:**

Definition, Legal Presumptions, Types of Negotiable Instruments, Holder and Holder in Due Course, Maturity of Negotiable Instruments, Endorsement, Crossing of Cheques.

#### **5. Law of Insurance:**

Insurance Contract, Characteristics of Insurance Contract/ Principles of Insurance; Doctrine of Subrogation; Reinsurance; Double Insurance; Kinds of Insurance- Life Insurance- Life Insurance Contract and its characteristics; Non Life Insurance/ General Insurance- Marine Insurance Contract and its characteristics; Fire Insurance Contract and its characteristics; Difference between Life Insurance and General Insurance.

#### **6. U.P. Shops and Commercial Establishments Act, 1962:**

Definition of Commercial Establishment; Registration of Shop and Commercial Establishment; Hours of Business; Holidays and Leaves; Wage, Deductions and Notices for Discharge; Employment of Children and Women; Enforcement and Penalties.

**Suggested Readings:**

1. Garg, Saxena, Sharma & Chawla: Mercantile Law; Kalyani Publishers, Ludhiana
2. Shukla & Sahai: Business Law, Sahitya Bhawan Publication, Agra (Hindi)
3. V. M. Baijal: Commercial Law, PPB, Allahabad (Hindi & English)
4. Singh R. K. & Amit Singh: Vanijya Sanniyam; Astha Pub., Allahabad
5. Singh R. K. & P. S. Sarnwal: Commercial Law; Kitab Mahal, Allahabad

## **B.Com. Part- I**

### **Group-‘B’**

#### **Paper-III: Business Economics**

##### **Pattern of Examination:**

**The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question carrying 20 marks. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each.**

##### **1. Introduction:**

- (a) Concept, Nature, and Scope of Business Economics.
- (b) Utility Analysis: Concept and Form of Utility; Laws of Diminishing Marginal Utility and Equi Marginal Utility.
- (c) Consumer’s Surplus ( Marshallian and Hicksian Approaches)

##### **2. Demand Analysis:**

- (a) Concept and Classification of Demand; Determinants of Demand; Law of Demand.
- (b) Elasticity of Demand: Concept of Elasticity of Price-Demand; Income-Demand, and Cross-Demand; Degree and Measurement, Methods of Elasticity of Price-Demand; Relationship of Elasticity of Price-Demand with Law of Diminishing Marginal Utility.
- (c) Demand Forecasting: Concept, Determinants, Objectives of Demand Forecasting; Methods of Demand Forecasting for Established Products of a Firm. Importance of Demand Forecasting.

**3. Production Analysis:** Concept of Production; Laws of Production/ Variable Proportion and Return to Scale, Economies and Diseconomies of Scale.

##### **4. Cost and Revenue Analysis:**

- (a) **Cost Analysis:** Concept and Classification of Cost; Cost-Output Relationship; Significance of Cost Analysis in Business Decision making.
- (b) **Revenue Analysis:** Concept of Revenue; Classification of Revenue; Revenue Output Relationships.

**5. Pricing Analysis:** Market Competition Forms; Pricing of Output under Perfect Competition; Monopoly; Discriminating Monopoly and Imperfect Competition.

**6. Theories of Distribution:**

(a) Ricardian and Modern Theories of Rent

(b) Keynesian Liquidity Preference and Modern Theories of Interest

(c) Marginal Productivity and Modern Theories of Wage

**Suggested Readings:**

1. P.N.Chopra: Business Economics, Kalyani Publishers, Ludhiana

2. H.K.Singh & Meera Singh: Business Economics; Kalyani Publishers, Ludhiana (Hindi)

3. D.D. Chaturvedi, S.L.Gupta & Anand Mittal: Managerial Economics, Brijwasi Book Distributors, Delhi

4. K.K. Dewett: Modern Economic Theory; Shyam Lal Charitable Trust, New Delhi

## **B.Com. Part- I**

### **Paper-IV: Business Communication**

#### **Pattern of Examination:**

**The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question carrying 20 marks. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each.**

- 1. Elements of Communication:** (a) Forms of Communication: Formal and Informal, Interdepartmental, Verbal and Nonverbal; Active Listening and Critical Thinking (b) Communication Channels (c) Communication Breakdown (d) Communicating Ethics (e) Soft Skills- Personality Traits; Interpersonal Skills; Leadership
- 2. Communication in Business Environment:** (a) Business Meetings, Notice, Agenda, Minutes (b) Press Releases (c) Corporate Communication: Internal and External, Group Discussion, Seminars, Presentations.
- 3. Report Writing:** Types of Reports, Steps in Business Report Writing, Styles, Sample Reports, Reporting of Proceedings of a Meeting.
- 4. Letter Writing:** Types of letters, Parts of Business Letters, Format of Business Letters, Full Block, Block, Semi Block, Simplified; Request Letters, Good News Letters, Persuasive Letters, Sales Letters. How to make Business Letters' Effective.
- 5. Memo Writing:** Advantages, Disadvantages, Memo Format, How to write Effective Memos- Pre Writing Stage, Writing Stage, New Writing Stage, Specimens.
- 6. Job Application and Resume Writing:** (a). Types of Application Letters- Solicited and Prospecting, Specimen of Job Application Letters, (b). Resume Writing- Physical Appearance, Layout of the Resume, Specimens
- 7. Business Language and Presentation:** Importance of Business Language; Oral Presentation: Importance, Characteristics, Presentation Plan, Power Point Presentation, Visual Aids.
- 8. Technology and Business Communication:** Role and Significance of Technology in Business Communication, E-Mail, Text Messaging and Modern Techniques like Video Conferencing and Social Networking: Process and Precautions.

#### **Suggested Readings:**

1. Ajai Kumar Singhal, Varinder Kumar & T.D. Malhotra: Business Communication & Computer: Kalyani Publication, Ludhiana
2. Dinesh Kumar, B.P. Yadav & Sanjai Goswami: Business Communication and Computer; Astha Publications, Allahabad



## **B.Com. Part- I**

### **Group-‘C’**

#### **Paper – V: Money, Banking and Foreign Exchange**

##### **Pattern of Examination:**

**The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question carrying 20 marks. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each.**

1. **Money:** Definition, Functions, Significance and Classification; Role of Money in Different Economies – Capitalist, Socialist and Mixed.

##### **2. Demand for and Supply of Money:**

Demand for Money: Concept Approaches: Classical, Keynesian, Portfolio Balance and Wealth Adjustment.

Supply of Money: Concept, Approaches: Conventional, Chicago, Gurley – Shaw and the RBI Approach

##### **3. Value of Money:**

a) Meaning and Determination – Quantity Theory of Money – Cash Transaction Approach; Cash Balance Approach, Real Balance Approach and Income – Expenditure Theory.

b) Measurement of Value of Money – Index Number, Effect of Changes in the Value of Money – Inflation and Deflation

##### **4. The Money Market:**

(a) Definition; Composition; Characteristics; Significance and Defects.

(b) The Institutions of Money Market: Non-Banking Financial Companies- Scope, Extent and Regulations.

(c) Money Market Instruments: Calls Money Market, The Bill Market in India, Commercial Papers, Certificates of Deposits, Commercial Bills and Treasury Bills.

5. **Monetary Policy:** Meaning, Objectives, Suitable Monetary Policy for a Developing Country like India, Instruments of Monetary Policy.

6. **Banking:** Definition, Functions, Significance and Types of Banks, Banking Operations, Process and Limits of Credit Creation.
7. **Central Banking:** Functions of Central Banking, Objectives and Methods of Credit Control (with special reference to RBI).
8. **Digital Banking:** Meaning, Benefits, Mobile Banking, e-payments, RTGS, NEFT, ECS- Critical Evaluation.
9. **Foreign Exchange:** Meaning and problem of foreign exchange Determination of Exchange Rate: Mint Parity Theory, Purchasing Power Parity Theory and Balance of Payments Theory; Liberalized Exchange Rate Mechanism (LERM).
10. **I. M. F.:** Objectives, Organization and Working. The Problems of International Liquidity. Special Drawing Rights.

**Suggested Readings:**

1. D. M. Mithani: Money Banking, International Trade & Public Finance; HPH, Mumbai
2. Hari Gopal Das: Money Banking and Foreign Exchange: Sharda Pustak Bhawan,
3. Singh R. K. & Singh Amit: Mudra Banking Aur Antarrastriya Vyapar; Astha Pub., Allahabad

## **B.Com. Part- I**

### **Paper – VI: Business Organisation and Management**

#### **Pattern of Examination:**

**The question paper shall comprise of two sections- A and B. Section-A shall have a compulsory question carrying 20 marks. Section- B shall offer a choice of attempting any four out of six questions carrying 20 marks each.**

- 1. Introduction:** Components and Objectives of Business, Manufacturing and Service Sectors, Impact of Liberalization and Globalization, Start-Up, Make In India and Skill Development Movement.
- 2. Social Responsibility and Ethics**
- 3. Emerging opportunities in Business:** Franchising, Outsourcing and E-Commerce: Features, Issues, Problems and Scope.
- 4. Location of Business Units:** Meaning, Importance and Factors Affecting Location, Weber's Deductive Theory, Sergeant Florence's Inductive Theory.
- 5. Business Combination:** Meaning, Causes, Types and Forms of Combinations, Advantages and Evils of Combination, Combination in Indian Industries.
- 6. Nature and Scope of Management:** Concept of Management, Management as a Science and as an Art, Levels of Management, Role and Responsibility of Management, Evolution of Management Thought- Classical, Neo-Classical and Modern.
- 7. Functions of Management:**
  - (a) Planning: Nature, Types, Significance and Limitations, Management by Objective (MBO).
  - (b) Decision Making: Types, Process, Rational Decision Making and its Limitations.
  - (c) Organising: Concept, Types, Divisions and Levels; Authority and Responsibility; Delegation of Authority, Centralization and Decentralization of Authority.
  - (d) Directing: Principles and Techniques.
  - (e) Communication: Process, Levels, Types and Barriers.
  - (f) Controlling: Process and Methods.
  - (g) Coordination: Concept, Techniques and Barriers.

**8. Major Theories of Management:** Scientific Management (F. W. Taylor), Administrative Management (Henri Fayol), Behavioural Theory (Elton Mayo).

**Suggested Readings:**

1. Jagdish Prakash: Business Organisation & Management; Kitab Mahal, Allahabad (Hindi & English)

2. B. P. Singh & T. N. Chhabra: An Introduction to Business Organisation & Management; Kitab Mahal, Allahabad

3. M. Motihar: Business Organisation and Management, Sharda Pustak Bhawan, Allahabad (English & Hindi)



## B. Com. Part – II

<b>Paper Name</b>	
<b>Compulsory</b>	
<b>Group – D</b>	
VII	Cost Accounting
VIII	Auditing
<b>Group – E</b>	
IX	Business Statistics
X	Business Finance
<b>Group - F</b>	
XI	Business Environment
XII	Business Communication and Computers

## B. Com. Part - III

<b>Paper Name</b>	
<b>Compulsory</b>	
<b>Group – G</b>	
XIII	Income Tax Law and Accounts
XIV	Corporate Accounts
<b>Group – H</b>	
XV	Human Resource Management
XVI	Marketing Management
<b>Optional Groups (any one of them)</b>	
<b>Group – I</b>	<b>Insurance and Risk Management</b>
XVII – A	Principles & Practices of Life and Property Insurance
XVII – B	Insurance Law, Salesmanship, and Risk Management
<b>Group - J</b>	<b>Banking and Foreign Exchange</b>
XVIII – A	Banking Law and Practices
XVIII - B	Foreign Exchange Practices and Problems
<b>Group - K</b>	<b>Financial Market Analysis</b>
XIX – A	Stock Market Operation
XIX – B	Security Analysis and Portfolio Management
<b>Group – L</b>	<b>Corporate and Industrial Laws</b>
XX – A	Company Law and Secretarial Practice
XX – B	Industrial and Labour Laws
<b>Group – M</b>	<b>Mathematics &amp; Computers</b>
XXI – A	Mathematics for Business
XXI – B	Computer Applications
<b>Comprehensive Viva-Voce</b>	

## **Examination & Evaluation:**

- a. The examination for the Degree of Bachelor of Commerce shall be held in three parts viz. at the end of Part - I, Part – II, and Part - III.
- b. Candidates shall be eligible to appear at the Part - II or Part - III examinations only after they have passed the Part - I and Part - II examinations, respectively.
- c. In order to be declared successful at the Part - I, Part - II and Part - III examinations, a candidate shall have to obtain a minimum of 30% in individual paper and 36% in aggregate.
- d. Divisions shall be awarded at the end of the Part - III examination on the total marks obtained in Part - I, Part – II, and Part - III examinations. Candidates who obtain 60% and more of the aggregate marks shall be placed in the First Division, candidates who obtain 48% or more but less than 60% of the aggregate marks shall be placed in the Second Division. Candidates who obtain 36% or more but less than 48% of the aggregate marks shall be declared to have passed in Third Division.



## **B. Com. – II**

### **Group ‘D’**

#### **Paper No. VII: Cost Accounting**

1. Nature, Principles, Objectives, Importance and Limitations of Cost Accounting; Installation of an Ideal Costing System: Steps in installing a Costing System, Difficulties in installing a Costing System.
2. **Material:**
  - a. **Purchase;** Centralized purchasing, Decentralized purchasing, Purchase procedure.
  - b. **Storage of Material:** Stores department, classification and codification, Bin Card, Two Bin System, stores ledger card, Difference between store ledger and Bin Card, treatment of spoilage, wastage and scrap of material.
  - c. **Issue of Material:** Requisition note, Material returned note, Material transfer note, Methods of pricing of Material issued: Cost price methods, Average cost price methods and Notional price method.
  - d. **Control:** Need, responsibility, methods of inventory control: ABC Analysis and EOQ concept, perpetual inventory system, periodic stock taking system.
3. **Labour:** Organisation of Labour Control, Time Keeping and Time Booking, Methods of Time Keeping, Methods of Time Booking, Job Card System, Types of Job Card, Methods of Remunerating Labour, various incentive plans, Group Bonus Scheme, other incentive schemes, Labour turnover, measurement of labour turnover.
4. **Overheads:** Classification; Allocation, Apportionment and Re-apportionment, Principles of apportionment, Methods of Re-apportionment, Absorption of Overheads, Methods of Absorption of Overheads.
5. Single Unit or Output Costing: Cost-sheet, Production Account; Calculation of Tender Price / Quotation Price. Practical Problems.
6. Contract Costing – Practical Problems.
7. Job and Batch Costing - Practical Problems
8. Process Costing: Simple Process Cost Account, Transfer to Warehouse, Abnormal wastage and abnormal efficiency, Normal wastage account, Joint products and By-products; Oil crushing, Refining and Finishing processes, Transfer price – Inter process profits. Practical Problems.
9. Reconciliation of Cost and Financial Accounts – Practical Problems.
10. Operating Costing (only transport and hotel) – Practical Problems.
11. Standard Costing and Variance Analysis (Material and Labour only) – Practical Problems.
12. Budgetary Control, Performance Budgeting and Zero Base Budgeting.

#### **Suggested Readings:**

1. Ajai Kumar Singhal: Cost Accounting – A Multidimensional Approach, PPB, Alld.
2. S. P. Jain & K. L. Narang: Cost Accounting: Principles and Practice; Kalyani Publishers, Ludhiana
3. Jagdish Prakash & Devesh Prakash: Cost Accounting; PPB, Allahabad
4. M. C. Shukla, T. S. Grewal & M. P. Gupta: Cost Accounting: Text and Problems; S. Chand & Company, New Delhi.
5. R. K. Singh & Shiv Shanker Shukla: Cost Accounting; Shikha Pub., Allahabad (Hindi & English)

## **B. Com. – II**

### **Group ‘D’**

#### **Paper No. VIII: Auditing**

1. **Introduction:** Meaning, Scope, Objective and Limitation of Auditing, Audit Process, Classification of Audit – Interim, Final and Continuous Audit, Internal and External Audit, Audit Standards and Audit Guidelines, Commencement and Conducting an Audit, Audit Programme, Audit Files and Working Papers, Test Checking and Routine Checking, Audit Evidence, Difference between Audit and Investigation.
2. **Internal Check:** Meaning, Objective, Implications, Distinction with Internal Control and Internal Audit, Essentials of a Sound System of Internal Check, Internal Check System with regard to specific areas – Purchase and Trade Creditors, Sales and Trade Debtors, Stock and Work-in-Progress, Wages and Salaries, Reliance of Auditor on Internal Check System.
3. **Vouching of Transactions:** Meaning, Objective, Significance and General Principles of Vouching, Vouchers and Their Reliability, Vouching of Specialised Transactions, Vouching of Trading Transaction, Vouching of Cash Transactions.
4. **Verification and Valuation:** Meaning, Objective and Principles of Verification and Valuation, General Considerations for Valuation of Assets, Guidelines on Verification of Assets issued by Institute of Chartered Accounts of India, Verification and Valuation of various Assets and Liabilities.

#### **Companies Act 2013:**

5. **Company Auditor and Conduct of Company Audit:**
  - a. **Company Auditor:** Appointment, Qualifications, Disqualifications, Remuneration, Removal, Rights, Duties, Powers and Liabilities of Company Auditor.
  - b. **Conduct of Company Audit:** Preliminaries to the Audit of Limited Companies, Company Books of Accounts, Share Capital Transactions, Borrowing Powers, Managerial Remuneration, Provisions of Companies Act, relevant to Audit.
6. **Auditor’s Report:** Scope, Contents, Qualified, Modified and Unqualified Audit Report, Consideration for making Qualifications in Audit Reports, Disclosure of Extraordinary events after Balance-sheet, Specimen of Audit Reports.
7. **Audit of Banking and Insurance Companies:** Features and special points relating to Audit of Banking Company and Insurance Company.
8. **Cost Audit and Management Audit:** Meaning, Objectives and Significance of Cost Audit and Management Audit, Cost Audit Report Rules in various Industries, Professional misconduct in Cost Accountants Act, Distinction of Management Audit with Cost Audit, Financial Audit and Responsibility Audit.
9. **Audit of Statutory Corporations, Government Companies and other Organisations:** Special Points and Basic Principles in Audit of Statutory Corporations, Government Companies, Local Bodies, Aided Educational Institutions, Comptroller and Auditor General and its Constitutional Role.

**Suggested Readings:**

1. Jagdish Prakash: Auditing – Principles, Practices & Problems; Kalyani Publishers, Ludhiana (Hindi & English)
2. G. D. Verma, Pradeep Kumar, Baldev Sachdeva & Singh: Auditing – Theory and Practice; Kalyani Publishers, Ludhiana

## **B. Com. – II**

### **Group ‘E’**

#### **Paper No. IX: Business Statistics**

1. Introduction: Meaning, Importance and Limitation; Collection, Classification, Tabulation and Presentation of Data.
2. Measures of Central Tendency: Mean, Median, Mode, Geometric Mean, Harmonic Mean, Relation between averages.
3. Measures of Dispersion: Range Method, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile Deviation.
4. Measures of Skewness: Karl Pearson’s Coefficient of Skewness, Bowley’s Coefficient of Skewness.
5. Correlation: Graphic and Scatter diagram method, Karl Pearson’s Coefficient of Correlation, Spearman’s rank Correlation Coefficient.
6. Analysis of Time Series: Moving average method, Least Square Method, Seasonal Variations, Irregular Fluctuations.
7. Index Number: Un-weighted Index number, Changing and Shifting of Base, Weighted Index number, Cost of living Index Number, Fisher’s Ideal Index Number, Reversibility Tests.
8. Interpolation: Parabolic Curve method, Newton’s method, Binomial expansion method, Lagrange’s method.
9. Probability: Classical and Axiomatic definitions, Addition theorem, Multiplication theorem (elementary problems only).
10. Statistical Organisation in India - CSO and NSSO

#### **Suggested Readings:**

1. R. K. Singh & S.S. Shukla: Business Statistics, Shikha Pub. Allahaabd
2. Ramendu Roy: Principles of Statistics; PPB, Allahabad (Hindi & English)
3. K. L. Gupta: Business Statistics; Navyug Shahitya Sadan, Agra
4. B. N. Asthana: elements of Statistics; Chaitanya Publishing House, Allahabad
5. D. N. Elhance: Fundamentals of Statistics; Kitab Mahal, Allahabad
6. S. P. Gupta: Statistical Methods; S. Chand & Sons, New Delhi
7. R. K. Singh & D. K. Verma: Advanced Statistics(Uchchatar Sannkhikiya); PPB, Allahabad (Hindi)
8. Singh R. K. & S. Shankar; Business Statistics; Kitab Mahal, Allahabad

## **B. Com. – II**

### **Group ‘E’**

#### **Paper No. X: Business Finance**

1. Nature and Scope of Finance Function.
2. Financial Objective of Business.
3. Concept of Time Value of Money.
4. The form and character of Balance Sheet information.
5. The form and character of Profit and Loss Statement information.
6. Ratio Analysis
7. Funds Flow Analysis
8. Cash Flow Analysis
9. Cost-Volume – Profit Analysis and Profit Planning
10. Theories of Capitalization
11. Causes, Consequences and Remedies of Over & Under Capitalization
12. Operating, Financial & Combined Leverage
13. Introduction, Nature and Importance of Capital Budgeting
14. Accounting Rate of Return and Pay Back Methods
15. Dividend: Kinds & determinants; Walter Formula

#### **Suggested Readings:**

1. Anvita Raghuvanshi & Richa Bhargava: Business Finance, Shikha Pub. Allahabad
2. H. K. Singh & Sankalp Srivastava: Business Finance; PPB, Allahabad (Hindi & English)
3. M. B. Shukla: Business Finance: Chaitanya Publishing House, Allahabad (Hindi)
4. Howard and Upton: Introduction to Business Finance; McGraw Hill Book Co. New York
5. S. C. Kuchal: Corporation Finance; Chaitanya Publishing House, Allahabad

## **B. Com. – II**

### **Group ‘F’**

#### **Paper No. XI: Business Environment**

1. Introduction, Concept of Business Environment and Eco-Environment, Environment Protection Act.
2. Economic Systems – Capitalistic, Socialistic & Mixed.
3. Role of the Government in Economy – Business / Industry, Agriculture and Services.
4. Causes of Poverty & Unemployment; Remedial Measures.
5. Regional imbalance & Social injustice.
6. Policies – New Industrial Policy and Monetary Policy, Trade Policy and EXIM Policy.
7. International Environment of Business: Multinational Corporations & foreign collaborations, Implications of WTO, Balance of Payment problems.
8. Social Environment – Society, Social Groups and their relationship with business. Demographic problems.
9. Legal Environment – Regulatory Authorities and their functions: Telecom Regulatory Authority of India (TRAI), Insurance Regulatory and Development Authority (IRDA), Securities and Exchange Board of India (SEBI).

#### **Suggested Readings:**

1. R. K. Singh & Sarita Maxwell: Business Environment, Shikha Publication, Allahabad
2. Rosy Joshi & Sangam Kapoor: Business Environment; Kalyani Publishers, Ludhiana
3. A. K. Malviya: Business Environment; PPB, Allahabad (Hindi)
4. Francis Cherunilam: Business Environment; HPH, New Delhi
5. Singh R. K. & Amit Singh: Vyavashayik Paryavaran; Astha Pub., Allahabad
6. M. Adhikari: Economic Environment of Business; S. Chand & Sons, New Delhi

## B. Com. – II

### Group ‘F’

#### Paper No. XII: Business Communication and Computer

##### Part – A

1. **Elements of Communication:** (a). Forms of Communication: Formal and Informal, Interdepartmental, Verbal and Nonverbal; Active listening and critical thinking (b). Communication Channels (c). Communication Breakdown (d). Communicating Ethics (e). Soft Skills – Personality Traits; Interpersonal Skills; Leadership.
2. **Communication in Business Environment:** (a). Business Meetings, Notice, Agenda, Minutes (b). Press Releases (c). Corporate Communication: Internal and External, Group Discussion, Seminars, Presentations. (d). Report writing: Types of Reports, Steps in Business Report writing, Styles, Sample Reports. (d). Reporting of Proceedings of a meeting.
3. **Letter and Memo Writing:** (a). Types of Letters, Parts of Business Letters, Format of Business Letters, Full Block, Block, Semi-Block, Simplified; Request Letters, Good News Letters, Persuasive Letters, Sales Letters. How to make Business Letters’ Effective. (b). Memos – Advantages, Disadvantages, memo Format, How to Write Effective Memos – Prewriting Stage, Writing Stage, New Writing Stage, Specimens.
4. **Job Application and Resume Writing:** (a). Types of Application Letters – Solicited and Prospecting, Specimen of Job Application Letters, (b). Resume Writing – Physical Appearance, Layout of the Resume, Specimens

##### Part – B

5. **Introduction to Computer:** (a). Computer Hardware: Classification of Computer – Personal Computer, Workstation, Servers and Super Computers; Computer Components – CPU, Input Output Devices, Storage Devices; (b). BUS, I/O CO Processors, Ports (Serial, Parallel, USB Ports), Expansion Slots, Add on Cards, On Board Chips, LAN Cards, Multimedia Cards, Cache Memory, Buffers, Controllers and Drivers; (c). Computer Software – System Software – Operating System, Open Source Software, Translators (Compilers, Interpreters and Assemblers), System Utilities; General Purpose Software / Utilities – Word Processor, Spread Sheet, DBMS, Scheduler / Planner, Internet Browser and E-Mail Clients.
6. **Data Storage and Retrievals:** (a). Data and Information Concepts: Bits, Bytes, KB, MB, GB, TB; (b). Data Organisation and Access Storage Concepts: Records, Fields, Grouped Fields, Special Fields Like Date, Integers, Real, Floating, Fixed, Double Precision, Logical, Characters, Strings, Variable Character Field (Memo); Key, Primary Key, Foreign Key, Secondary Key, Referential Integrity, Index Fields, Storage Techniques: Sequential, Block Sequential, Random, Indexed, Sequential Access, Direct Access, Random Access Including Randomizing Logical Structure and Physical Structure of Files.

#### Suggested Readings:

1. Ajai Kumar Singh, Varinder Kumar & T. D. Malhotra: Business Communication & Computer; Kalyani Publications, Ludhiana

2. Arun Kumar & Arpita Ghosh: Business Communication & Computer; Shuchita Prakashan (P) Ltd., Allahabad
3. Ekta Verma & J. K. Singh: Business Communication and Computer Application, Shikha Pub., Allahabad
4. Dinesh Kumar, B. P. Yadav & Sanjai Goswami: Business Communication and Computer; Astha Publications, Allahabad



## **B. Com. – III**

### **Group ‘G’**

#### **Paper No. XIII: Income Tax Law and Accounts**

**Objective:** To provide basic knowledge and equip students with application of the provisions of Income Tax Act, 1961. It is expected that student will gain a working knowledge regarding computation of taxable income and tax liability pertaining to individuals, H. U. F. and Firms.

1. (a). Basic Concept: Assessee, Types of Assessee, Assessment Year, Previous, Year, Gross Total Income, Total Income, Tax Evasion and Tax Avoidance. (b). Residential Status and Tax Incidence. (C). Exempted Incomes under Section 10. (d). Agricultural Incomes; Meaning, Types, Integration of Agriculture Income with Non-agricultural Incomes.
2. Computation of Income under different heads: (a). Salaries (b). Income from House Property (c). Profit and gains of Business or Profession (d). Capital Gains (e). Income from Other Sources.
3. (a). Deductions from Gross Total Income (b). Set off and Carry forward of Losses (c). Assessment of Individual, HUF and Firm.
4. (a). Filing of Returns (b). Permanent Account Number (c). Rebates and Reliefs.
5. (a). Income of other Persons included in assessee's Income (b). Advance Payment of Tax (c). Power of Central Board of Direct Taxes (CBDT) and Assessing Officer (d). Tax Planning for an Individual, (e). Best Judgement Assessment, (f). Tax Deduction at Source (TDS).

#### **Suggested Readings:**

1. V. P. Gaur & D. B. Narang: Income Tax – Law & Practice; Kalyani Publishres, Ludhiana
2. Ahuja, Girish & Ravi Gupta: Systematic Approach to Income Tax; Bharat Law House, New Delhi
3. H. C. Mehrotra: Income Tax Law; Sahitya Bhawan, Agra
4. Pagore, Dinkar: Law and Practice of Income Tax; S. Chand & Sons, New Delhi
5. V. K. Singhania: Students' Guide to Income Tax, Taxman Publications (P) Ltd. Delhi
6. Singh R. K. & A. K. Garg: Aaykar Vidhan Aur Lenkhe; Swati Pub., Meerut
7. Singh R. K. & A. K. Garg: Income Tax Law and Accounts; Swati Pub., Meerut

## B. Com. – III

### Group ‘G’

#### Paper No. XIV: Corporate Accounting

1. **Share and Debentures:**
  - (a). **Shares:** Issue, Forfeiture and Re-issue of Shares – Share Capital of Company, Classification of Shares, Issue of Shares – at Par, at Premium and Discount; Call in of Arrears and Advances; Forfeitures of Shares, Re-issue of Forfeited Shares, Rights Shares; Employee Stock Option Plan (ESOP); Bonus Shares, Redeemable Preference Shares. Journal Entries, Practical Problems.
  - (b). **Debentures:** Meaning and Types of Debentures; Issue of Debentures; Different Conditions of Issuing Debentures; Redemption of Debenture – Sinking Fund and Insurance Policy, Annual Drawings, Purchase in Open Market, Conversion, Option of the Company. Journal Entries, Practical Problems.
2. **Underwriting:** Meaning; Types of Underwriting; Payment of Commission to Underwriters; Brokerages and Fees of Managers to the Issue, Firm Underwriting; SEBI guidelines for Underwriting; Accounts of Underwriters. Practical Problems.
3. **Profit or Loss Prior to Incorporation:** Ascertainment of Profit or Loss Prior to incorporation, Calculation of Sales Ratio, Weighted Ratio, Practical Problems.
4. **Final Accounts of Companies:** Preparation and Presentation of Final Accounts of Companies; Treatment of Taxation in Preparation of Final Accounts of Companies; Dividend to Shareholders; Managerial Remuneration. Practical Problems.
5. **Amalgamation and Reconstruction of Companies:**
  - (a). **Amalgamation of Companies:** Amalgamation in the Nature of Merger and Amalgamation in the Nature of Purchase; Purchase Consideration; Pooling of Interest Method and Purchase Method; Entries Relating to Realization Expenses. Accounting Entries, Practical Problems.
  - (b). **Reconstruction of Companies:** External Reconstruction and Internal Reconstruction. Accounting Entries, Practical Problems.
6. **Accounts of Holding Companies:** Holding Companies – Its Rational Legal Definition, Advantages and Disadvantages; Consolidated Balance Sheet; Minority Interest, Cost of Control, Pre-acquisition and Post-acquisition Profit. Practical Problems.
7. **Liquidation of Company:** Order of Payment; Preferential Creditors; Contributories; Preparation of Statement of Affairs and Deficiency Account; Liquidator’s Final Statement of Account. Practical Problems.
8. **Accounts of Banking Companies:**
  - a. Accounting Requirement of Banking Companies
  - b. Outline of the Accounting Procedure
  - c. Slip System
  - d. Final Accounts in Form A and Form B – A Detailed Study
9. **Accounts of Insurance Companies:**
  - a. Accounting Requirement of Insurance Companies
  - b. Valuations and Profit Calculation of a Life-Insurance Company

- c. Revenue Account, P&L A/c, P&L Appropriation A/c of Fire and Marine Insurance Companies – Schedule A for Life Insurance and Schedule B for General Insurance
- d. The Balance Sheet (Form B) – A Detailed Study as per IRDA guidelines.

**Suggested Reading:**

1. V. M. Baijal & D. K. Kulshrestra: Institutional Accounting; PPB, Allahabad
2. Ramendu Roy & Tanushree Roy: Corporate Accounting; PPB, Allahabad
3. S. P. Jain & K. L. Narang: Advanced Accountancy – Vol-II; Kalyani Publishers, Ludhiana
4. S. N. Maheshwari & S. K. Meheshwari: Advanced Accountancy – Vol-II: Vikas Publication House, New Delhi
5. Ashok Sehgal & Deepak Sehgal: Corporate Accounting; Taxman Publications(P) Ltd., New Delhi
6. Singh R. K., S. Shankar & Manu Bhatt: Corporate Accounting; Kitab Mahal, Allahabad

## **B. Com. – III**

### **Group ‘H’**

#### **Paper No. XV: Human Resource Management**

1. **Introduction:** Evolution of Human Resource Management (HRM); Concept, Objectives and Functions of HRM; HRM in the Indian Scenario.
2. **Human Resource Planning:** Concept; Process and Needs.
3. **Job Analysis:** Concept and Process.
4. **Recruitment and Selection:** Concept and Process.
5. **Human Resource Development:** Concept, HRD Matrix;
6. **Training and Development:** Concept, Need and Methods.
7. **Organisational Development:** Concepts and Need.
8. **Sustaining Employee Interest:** Human Relations: Concepts and Need; Compensation Plans (Salary & Wages Administration); Performance Appraisal Vs. Potential Appraisal
9. **Management of Industrial Relations:** Concept, Causes for Poor Industrial Relations; Discipline, Causes and Management of Indiscipline.
10. **Industrial Disputes:** Concept, Causes and Prevention of Industrial Disputes;
11. **Leadership:** Concept, Qualities of an Effective Leader, Leadership style.
12. **Motivation:** Concept and Meaning, Factors of Motivation, Theories of Motivation.
13. Human Resource Audit and Research.

#### **Suggested Readings:**

1. Ajai Kumar Singhal: Human Resource Management; Sharda Pustak Bhawan, Allahabad
2. A. K. Malviya: Human Resource Management; PPB, Allahabad (Hindi)
3. Archana Chandra & Amita Maxwell: Human Resource Management, Shikha Publication, Allahabad
4. T. N. Chabra: Human Resource Management – Concept and Issues; Dhanpat Rai & Co., Delhi
5. Beardmell, Ianad Holden, Len: Human Resource Management; Mc Millan Ltd. Landon
6. Dessler, Gary; Human Resource Management; Printice Hall, New Delhi
7. Singh R. K. & Singh Amit: Manav Sansadhan Prabandh; Astha Pub., Allahabad

## **B. Com. – III**

### **Group ‘H’**

#### **Paper No. XVI: Marketing Management**

**1. Introduction:**

Marketing – Concept, Functions and Importance.

Marketing Management – Concept, Objectives, Functions and Significance.

**2. Product Planning & Development:**

Definition, Classification of Product, Stages of Product Life Cycle (PLC) and Factors affecting PLC.

Product Planning – Genesis and Importance of Product Planning in Marketing.

Product Development: Meaning, Principle of Product Development, Stages of New Product Development and Factors affecting development of New Products.

**3. Pricing:**

Meaning, Objectives, Price Policies and Strategies and Methods of fixing prices.

**4. Channels of Distribution:**

Meaning, Functions, Distribution Systems and Factors affecting choice of channels of distribution.

Wholesaler and Retailer - Concept, Functions and Services.

New Retailing System

**5. Promotional Tools:**

Promotion Mix: Personal Selling, Sales Promotion.

Advertising: Meaning, Objectives, Media of Advertising; Factors affecting Media Selection decision, Publicity.

**6. Marketing Research:**

Meaning, Objectives, Types, Advantages and Limitations.

**7. Rural Marketing:**

Concept, Significance and Difficulties in Rural Marketing.

**Suggested Readings:**

1. A. K. Malviya: Marketing Management; PPB, Allahabad (Hindi)
2. Beller & Berkman: Readings in Marketing Management; HPH, Bombay
3. D. Amar Chand, B. Varadharajan: An Introduction to Marketing; Vikas Publishing House Pvt. Ltd., New Delhi.
4. C. B. Memoria, Pradeep Jain & Priti Mitra: Marketing Management; Kitab Mahal, Allahabad
5. Singh R. K. & Amit Singh, Vipran Prabandh; Astha Pub., Allahabad

## **B. Com. – III**

### **Group 'I' Insurance & Risk Management**

#### **Paper No. XVII-A: Principles and Practices of Life and Property Insurance**

**1. Nature of Insurance:**

Nature, Characteristics and Scope of Insurance, Kinds of Insurance, Functions of Insurance, Essential Elements necessary for Insurance, Importance of Insurance.

**2. Principles of Insurance Contract:**

Principles of Co-operation, Principle of Probability, Insurable Interest, Utmost good faith, Indemnity, Subrogation, Causa-Proxima, Contribution and Warranty. Difference between Contract of Indemnity and Life Insurance Contract, Over Insurance and Under Insurance Double Insurance and Re-Insurance.

**3. Life Insurance:**

Features of Life Insurance, Procedure of taking a Life Insurance Policy, Kinds of Life Insurance Policies, Whole Life policies, Endowment policies and Term policies, Annuities.

**4. Policy Conditions:**

Conditions relating to commencement of Risk, Riders, Conditions of Premium, Conditions relating to continuation of policies, Nomination and Assignment, Paid-up Value, Surrender Value.

**5. Insurance Premium:**

Types of Premium, Factors affecting the premium of Life Insurance policies, Methods of premium computation, Natural Premium Plan, Level Premium Plan, Mortality Table, Sources of Mortality information and construction of mortality tables.

**6. Valuation, Surplus and Bonus:**

Objects of valuation, Sources of surplus, Bonus and its kinds.

**7. Settlement of Claims under Life Insurance Policies:**

Procedure for settlement of maturity claims, Procedure for death claims.

**8. Fire Insurance:**

General Information relating to Fire Insurance, Need for Fire Insurance, Scope of Fire Insurance, Physical and Moral Hazards in Fire Insurance, Fire Insurance Contract: Principles, Difference between Fire and Life Insurance Contracts, Procedure of taking a Fire Insurance Policy.

**9. Fire Policies and Its Conditions:**

Types of Policies, Fire Policy Conditions, Procedure of Settlement of Claims under Fire Insurance.

**10. Marine Insurance:**

Classification of subject matter of Marine Insurance, Marine Insurance Contract: Its essential Characteristics, Express and Implied warranties under Marine Insurance.

**11. Marine Insurance Policies and Conditions:**

Types of Marine Policies, Marine Insurance Policy conditions.

**12. Marine Losses:**

Types of Marine Losses, Total Loss, Partial Loss, Particular Average, General Average, Difference between Particular Average and General Average, Salvage Charges, Particular Charges, Settlement of Claims in Marine Insurance.

**Suggested Readings:**

1. M. Motihar: Principles and Practice of Insurance; Sharda Pustak Bhawan, Allahabad
2. M. N. Mishra: Insurance Principles and Practice; S. Chand & Co. Ltd. New Delhi
3. M. Arif Khan: Theory and Practice of Insurance; Educational Book House, Aligarh.
4. Singh, R. K. & Keshav Shyam: Bima Ke Tatva; PPB, Allahabad
5. Singh R. K., Keshav Shyam & A. Singh: Bima Ke Siddhant Evam Jokhim Prabandh; Astha Pub., Allahabad

## B. Com. – III

### Group 'I' Insurance & Risk Management

#### Paper No. XVII-B: Insurance Law, Salesmanship & Risk Management

1. Basic Insurance Contract, Principles of Contract affecting Insurance, Difference between Insurance Contract and General Contract.
2. **Present Insurance Law in India:** A Brief study of
  - (i) The Insurance Act, 1938
  - (ii) The Life Insurance Corporation Act, 1956
  - (iii) The Insurance Regulatory and Development Authority Act, 1999
3. **Insurance Salesmanship:** Reasons for Selling Insurance, Obtaining prospects: Selling tactics, Essentials for a successful Insurance Salesman, Canvassing, Arguments for Insurance, Objections to Insurance and recommendations for reforms.
4. **Insurance Agent:** Qualifications, Training, Functions, Disqualifications, Rights of an Insurance Agent, Termination of Agency, Working of an Insurance Agent, Insurance Agent's Service regarding
  - (i). Age admission; (ii). Policy holders' servicing; (iii). Nomination and Assignment; (iv). Alterations maturity
5. **Branch Manager:** Appointment Qualifications, Training, Duties, Responsibilities and Functions, Role of Branch Manager, Conduct and Control of Business relating to the Branch.
6. **Development Officer:** Appointment, Training, Functions, Powers, Duties, Control of activities.
7. **Risk Management:** Meaning of Risk, Nature and Sources of Risk, Basic categories of Risk, Types of Risk: (i). Pure Risk; (ii). Speculative Risk Management of Risks, Objective of Risk Management, Scope of Risk Management.
8. **Risk Management Process:** Risk Analysis, Risk Control, Risk Financing, Risk Manager's role and responsibilities.
9. **Insurance and Risk Management:** Basic characteristics – Pooling of Losses, Risk Transfer, indemnification. Elements of Insurance Risk, Insurance as a Risk Management Tool. Selection of Insurance Coverages, Selection of an Insurer, Negotiation of terms, Periodic review of Insurance program.

#### Suggested Readings:

1. P. K. Gupta: Insurance and Risk Management; HPH, Mumbai
2. Harrington, Scolt, E. and Niehans, Gregory R.: Insurance and Risk Management; McGraw Hill Book Co., New York
3. Singh R. K., Keshav Shyam & A. Singh: Bima Ke Siddhant Evam Jokhim Prabandh; Astha Pub., Allahabad



## B. Com. – III

### Group 'J': Banking and Foreign Exchange Paper No. XVIII – A: Banking Law and Practices

1. **Bank-Customer Relationship:** Definition of Customer, Bank Customer Relationship and its special features, Termination of the relationship, Bank Pass Book.
2. **Customer Accounts:** Opening of Account, Operation of Account, Special Customers of a Bank-Minor, Married Women, Lunatic, Drunkard, Joint Accounts, Partnership Firms, Joint Stock Company and Trustees.
3. **Negotiable Instruments Act 1881:** Negotiable Instruments: Promissory Note, Bill of Exchange and Cheque. Endorsement, Crossing, Payment and Collection of Cheques: Statutory Protection granted to the Banker.
4. **Employments of Bank Funds:** Cash Reserve and other Non-Earning Assets, Earning Assets: Money at Call and Short Notice, Investment, Loans and Advances, Discounting of Bill.
5. **Modes of Securing Advances:** Personal Security, Guarantee and indemnity and Collateral Securities: Lien, Pledge, Mortgage and Hypothecation.
6. **Securities of Advances:** General Principles for secured advances, Types of Collateral Securities – Stock Exchange Securities, Goods, Documents of Title of Goods, Life Insurance Policies, Immovable Property, Fixed Deposit Receipt, Book Debts.
7. **Banking Regulation Act:** Bank License – Issue, Suspension and Revocation, Inspection of Bank Offices, Branch Expansion, Bank Books, Records and Returns, Bank Accounts and Audit.
8. **Norms of Bank Financing:** Brief study of the recommendations of Tandon Committee, K. Kannan Committee. Bank Financing in the Liberalised regime.
9. **Special Banking Problems in India:** Banking efficiency, Bank Frauds, Core Banking

#### Suggested Readings:

1. S. N. Maheshwari: Banking Law and Practice; Kalyani Publishers, Ludhiana
2. G. K. Varshney: Law & Practice of Banking; Sahitya Bhawan Publications, Agra
3. Gordon & Natarajan: Banking Theory, Law and Practice; HPH, Delhi
4. B. M. L. Nigam: Law and Practice of Banking, Vikas Publication, New Delhi
5. Tannon: Banking Law and Practice

## **B. Com. – III**

### **Group –: ‘J’ : Banking and Foreign Exchange Paper No. XVIII-B: Foreign Exchange Practices & Problems**

1. **Foreign Exchange:** Concept, Need, Difference between Foreign Exchange and Normal Transaction.
2. **Documents used in Foreign Trade:** Invoice, Bill of Lading, Bill of Exchange, Insurance Policy, Letter of Credit.
3. **Balance of Trade and Balance of Payments:** Meaning and Differences, Disequilibrium in the Balance of Payments: Causes, Consequences and Remedies.
4. **Mechanism of International Payment:** Instruments of External Payments, Equilibrium Rate of Exchange, Fixed Vs Flexible Exchange Rates.
5. **Foreign Exchange Market:** Operations, Agency arrangement, Spot Exchange, Forward Exchange, Arbitrage Operations, Cover Operations.
6. **Foreign Trade Risks and Insurance:** Political Risks, Commercial Risks, A critical study of the working of ECGC.
7. **Export Credit:** Packing Credits, Shipping Finance, EXIM Bank.
8. **Liberalised Exchange Rate Mechanism (LERM):** Detailed study. Tarapore Committee Report of 2000 and Report II of 2006 on Capital Account Convertibility.
9. Laws and Procedures of Travel Remittances: Inward and Outward.
10. **Non-Resident Accounts:** Procedure, facilities and tax concession available in India.
11. **Arithmetic of Exchange Rate:** Customer’s and Banker’s Calculation of Spot and Forward Rates.

#### **Suggested Readings:**

1. Andley and Mattoo: Foreign Exchange Principles and Practice; S. Chand & Sons, New Delhi
2. Jeevanandam: Foreign Exchange; S. Chand & Sons, New Delhi

## **B. Com. – III**

### **Group “K” Financial Market Analysis**

#### **Paper No. XIX-A: Stock Market Operation**

1. Indian Securities Market – Brief History, Origin, Structure, Size, Popular Indexes – Sensex, Nifty.
2. Stock Exchange in India – Introduction, and functions, Listing Guidelines. Bombay Stock Exchange (BSE), National Stock Exchange (NSE), Over The Counter Exchange of India (OTCEI).
3. Investor Protection and Regulation: Role of SEBI in Indian Securities Market – Origin, Function & Development
4. Depositories – Basics, Benefits, Number of Depositories, How to Operate Depositories and Services Provided.
5. Role of Mutual Fund in Capital Market – Concept, Mutual Fund Industries in India, Types of Scheme, Advantages and Drawback, Organisation, Important Term in Mutual Fund.
6. Portfolio Management Services – Meaning, Portfolio Manager, Working of Portfolio Management.
7. Primary Market – Overview, Types of Issues – IPO and FPO, Benefits and Drawback.
8. Investment Guidelines for Capital Market, Credit Rating in India.
9. Factors Affecting Share Prices
10. De-mat Account.

#### **Suggested Readings:**

1. G. Ramesh Babu: Indian Financial System; HPH, New Delhi
2. Vasant Desai: The Indian Financial System and Development; HPH, New Delhi
3. V. A. Avadhani: Investment and Securities Market in India; HPH, New Delhi
4. H. R. Machirajn: Indian Financial System; Vikas Publications

## **B. Com. – III**

### **Group ‘K’ Financial Market Analysis**

#### **Paper No. XIX-B: Security Analysis and Portfolio Management**

1. **Security Analysis:** Basic Ingredients – Investment Styles, Speculation, Short Selling, Trading, Hedging, Arbitrage, Leveraging, Margin Trading, Record Dates and Book Closures, Circuit Band Hitters; ADR and GDR.
2. **Derivatives Trading: (i) Options Trading:** Meaning, Rationale, Calls and Puts, Option Price, Price Changes, Risks of Buying and Selling Options, Benefits of Options for Investments. **(ii) Futures Trading:** Meaning, Rationale, Difference between Futures and Options, Index Futures, Stock Futures, Advantages of Future Index; Swap Deals.
3. **Basis for Company Analysis:** Types of Shares in the Market-Growth Shares, Cyclical Shares, Defensive Shares, Discount Shares, Established and Emerging Blue Chip Shares, Net Financial Results and Profitability; Factors Influencing Earnings (EBIT), Return on Investment, Earnings Per Share, Price-Earning Multiple.
4. **Portfolio Management:** Meaning, Method of Operation, Investment Strategy, Diversification, Risk and Beta Return on Portfolio.
5. **Security Pricing:** Security Valuation, Factors Influencing Valuation, Types of Valuation Models – Book Value, Liquidating Value, Intrinsic Value, Replacement-Value, Constant Growth Model, Single Period Equity Valuation Model.
6. **Disinvestment Management:** Meaning, Rationale, Market Conditions, Factors Influencing Disinvestment, Disinvestment Decision; Stock Market Disinvestment; Fundamental Analysis; Timing of Disinvestment.

#### **Suggested Readings:**

1. Preeti Singh: Investment Management Security Analysis & Portfolio Management, HPH, New Delhi
2. M. Ranganathan & R. Madhumathi: Investment Analysis and Portfolio Management; Pearson Education, New Delhi
3. V. Gangadhar & G. Ramesh Babu: Investment Management; Anmol Publication Pvt. Ltd. New Delhi

## **B. Com. – III**

### **Group ‘L’ Corporate and Industrial Laws**

#### **Paper No. XX – A: Company Law and Secretarial Practice**

1. **Introduction:** Characteristics of Companies; Lifting of Corporate Veil; Types of Companies including one person Company, small company and producer company; Association not for Profit; Illegal Association; Formation of Company; Promoters, their legal position, pre-incorporation Contract and Provisional Contracts; Registration Procedure, Memorandum of Association, Articles of Association; Doctrine of Constructive Notice and Indoor Management, Prospectus-shelf and red herring prospectus, Misstatement in Prospectus
2. **Share and Debentures:** Allotment and forfeiture of Share, Transmission of Shares, Buyback and Provisions regarding buyback; Issue of Bonus Shares. Issue and Redemption of Debentures.
3. **Management:** Classification of Directors, Women Directors, Independent Director, Small Shareholder’s Director; Disqualifications, Director Identity Number (DIN); Appointment; Legal Positions, Power and Duties; removal of Directors; Key Managerial Personnel, Managing Director, Manager; Meeting of Shareholders and Board; types of Meeting, Convening and Conduct of Meetings, Postal Ballot, Meeting through Video Conferencing, e-Voting, Quorum, Proxy.
4. **Miscellaneous Provisions:** Books of Accounts, Registers; Online Filing of Documents; Dividend Provisions; Secretarial Audit: Appointment, Rotation, and Report. Concept and Modes of Winding Up; National Company Law Tribunal (NCLT); Special Courts.
5. **Company Secretary:** Definition, Qualification, Position, Rights and Duties, Statement on Corporate Governance, Chairman’s Speech, Director’s Report, Maintaining and Monitoring of Statutory Books / Registers Prescribed under various Provisions of the Companies Act, 2013.

#### **Suggested Readings:**

1. G. K. Kapoor: Corporate Laws & Secretarial Practice; Premier Book Company, New Delhi
2. Avtar Singh: Company Law; Eastern Book Company, Lucknow
3. Garg, Chawla & Gupta: Company Law; Kalyani Publishers, Ludhiana (Hindi & English)
4. M. C. Kuchhal: Modern Company Law; Shree Mahavir Book Depot, New Delhi

## **B. Com. – III**

### **Group ‘L’: Corporate and Industrial Law**

#### **Paper No. XX-B: Industrial and Labour Laws**

1. The Factories Act, 1948
2. The Industrial Disputes Act, 1947
3. The Trade Unions Act, 1926
4. The Payment of Wages Act, 1936
5. The Minimum Wages Act, 1948
6. The Workmen’s Compensation Act, 1923
7. The Contract Labour (Regulation and Abolition) Act, 1970
8. The Equal Remuneration Act, 1976
9. The Industrial Employment (Standing Order) Act, 1946

#### **Suggested Readings:**

1. Taxmann’s: Labour Laws; Tanmann Allied Services (P) Ltd.
2. S. N. Mishra: Labour Laws; Central Book Agency, Allahabad

## **B. Com. – III**

### **Group ‘M’: Mathematics & Computer**

#### **Paper No. XXI-A: Mathematics for Business**

1. Functions, Limit, Continuity and Discontinuity, Differentiation of Algebraic and Transcendental Functions. Differentiation from First Principle, Successive Differentiation, Leibnitz's Theorem, Expansion of Functions, Maclaurin's and Taylor's Theorem, Partial Differentiation, Euler's Theorem, Maxima and Minima, Indeterminate Forms.
2. Integral, Reduction Formulae, Integration of Rational, Irrational and Transcendental Functions. Definite Integral. Business Functions Including Cost, Revenue, Demand, Supply and Production Functions. Elasticity of Demand and Supply. Consumer's and Producer's Surplus.
3. Probability and Expected Value. Theorem, Binomial, Poisson and Normal Distribution.
4. Matrices, Inverse and Rank of a Matrix. Determinants, Solution of Linear Equations by Matrix and Determinant Method. Input and Output Analysis.
5. Linear Programming: Graphic and Simplex Methods.

#### **Suggested Readings:**

1. D. C. Sancheti & V. K. Kapoor: Business Mathematics, Sultan Chand & Sons, New Delhi
2. J. D. Gupta, P. K. Gupta & Man Mohan: Mathematics for Business Economics, TMH, New Delhi
3. B. C. Mehta & G. M. K. Madnani: Mathematics for Economists, Sultan Chand & Sons, New Delhi

## **B. Com. – III**

### **Group ‘M’: Mathematics & Computer**

#### **Paper No. XXI-B: Computer Applications**

- 1. Computer Networks & Network Security:** (a) Networking Concepts – Need and Scope, Benefits, Classification: LAN, MAN, WAN, VPN; Peer-to-Peer, Client Server, Components – NIC, Router, Switch, Hub, Repeater, Bridge, Gateway, Modem, Network Topologies – Bus, Star, Ring, Mesh, Hybrid, Architecture: Token Ring, Ethernet Transmission Technologies and Protocols – OSI, TCP/IP, ISDN etc., Network Operating System; (b) Local Area Networks – Components of a LAN, Advantages of LAN; (c) Client Server Technology, Limitation of Single user systems and need for Client Server Technology, Server – Database, Application, Print Server Servers, Transaction servers, Internet servers, Mail, Servers, Chat servers, IDS, Introduction to 3-tier and “n” tier architecture (COM, COM+); (d) Data centres: Features and functions, Primary delivery centre and disaster recovery site; (e) Network Security, Need; Treats and Vulnerabilities; Security Levels; techniques.
- 2. Computer Software:** Application Software – Financial Accounting, Payroll, Inventory; Specialized Systems – Enterprise Resource Panning (ERP), Artificial Intelligence, Expert Systems, Decision Support Systems – An Overview.
- 3. Data Base Management Systems:** (a) DBMS Models and Classification: Need for Database, Administration, Models, DML and DDL (Query and Reporting); Data Dictionaries, Distributed Databases, Object Oriented Databases, Client Server Databases, Knowledge Databases, (b) Backup and Recovery – Backup policy, Backup schedules, Offsite Backups. Recycling of Backups, Frequent Checking of recovery of Backup; (c) Usage of systems Software like program library management systems and tape and disk management systems – features, functionalities, advantages; (d) Data Mining and Data Warehousing – An Overview.
- 4. Internet and other Technologies:** (a) Internet and World-Wide-Web, Intranets, Extranets, Applications of Internet, Internet Protocols, (b) E-commerce – Nature, Types (B2B, B2C, C2C), Supply Chain Management, CRM, Electronic Data Interchange (EDI), Electronic Fund Transfers (EFT), Payment Portal, E-commerce Security; (c) Mobile Commerce, Bluetooth and Wi-Fi.
- 5. Flowcharts and Decision Table:** (a) Programming process, Program Analysis, Flowcharts, Program flowcharts, (b) Types of Decision Tables, Steps in preparing a limited entry decision table, Flowchart for a decision table, Advantages and disadvantages of decision tables.



**Suggested Readings:**

1. Computer Science and Information Technology – S.S. Khandare, S. Chand & Company.
2. Business Information Systems - Muneesh Kumar, Vikas Publishing House.
3. Information Technology and Computer Applications – Prabir Chakravarty, New Central Book Agency (P) Ltd.