

# Syllabus – Senior Category

## Accounting and Auditing

Basic accounting principles; concepts and postulates

- Partnership Accounts: Admission, Retirement, Death, Dissolution and Insolvency of partnership firms
- Corporate Accounting: Issue, forfeiture and reissue of shares; Liquidation of companies; Acquisition, merger, amalgamation and reconstruction of companies, Holding company accounts
- Cost and Management Accounting: Marginal costing and Break-even analysis; Standard costing: Budgetary control; Process costing; Activity Based Costing (ABC); Costing for decision-making, Life cycle costing, Target costing, Kaizen costing and JIT
- Financial Statements Analysis: Ratio analysis; Funds flow Analysis; Cash flow analysis  
Human Resources Accounting; Inflation Accounting; Environmental Accounting
- Indian Accounting Standards and IFRS
- Auditing: Independent financial audit; Vouching; Verification and valuation of assets and liabilities; Audit of financial statements and audit report; Cost audit
- Recent Trends in Auditing: Management audit; Energy, audit; Environment audit; Systems audit; Safety audit

## Business Finance

- Scope and sources of finance; Lease financing
- Cost of capital and time value of money
- Capital budgeting decisions: Conventional and scientific techniques of capital budgeting analysis
- Capital structure
- Working capital management; Dividend decision: Theories and policies
- Risk and return analysis; Asset securitization
- International monetary system  
Foreign exchange market; Exchange rate risk and hedging techniques

- International financial markets and instruments: Euro currency; GDRS; ADRs
- International arbitrage; Multinational capital budgeting

## **Business Statistics and Research Methods**

- Measures of central tendency
- Measures of dispersion
- Measures of skewness
- Correlation and regression of two variables
- Probability: Approaches to probability; Bayes' theorem
- Probability distributions: Binomial, poisson and normal distributions
- Research: Concept and types; Research designs
- Data: Collection and classification of data
  - Sampling and estimation: Concepts; Methods of sampling - probability and non-probability methods; Sampling distribution; Central limit theorem; Standard error; Statistical estimation
- Hypothesis testing: z-test; t-test; ANOVA; Chi-square test; Mann-Whitney test (U-test); Kruskal-Wallis test (H-test); Rank correlation test
- Report writing

## **Income-tax and Corporate Tax Planning**

- Income-tax: Basic concepts; Residential status and tax incidence; Exempted incomes; Agricultural income; Computation of taxable income under various heads; Deductions from Gross total income; Assessment of Individuals; Clubbing of incomes
- International Taxation: Double taxation and its avoidance mechanism; Transfer pricing,
- Corporate Tax Planning:
  - Concepts and significance of corporate tax planning; Tax avoidance versus tax evasion; Techniques of corporate tax planning; Tax considerations in specific business situations: Make or buy decisions; Own or lease an asset; Retain; Renewal or replacement of asset; Shut down or

continue operations

Deduction and collection of tax at source; Advance payment of tax; E-filing of income tax returns