

# **Syllabus for Senior Level NATS Examination**

## **1. Accounting and Auditing**

- Accounting Principles, Concepts and Conventions
- Partnership Accounting: *Admission, Retirement, Death, Dissolution and Insolvency of Partnership Firms*
- Company Accounts: *Issue, Forfeiture and Reissue of Shares, Amalgamation, Absorption, and Reconstruction of Companies, Holding Company.*
- Cost Accounting: *Statement of Cost, Material, Labour and Overhead, Process Costing, and Job Costing.*
- Management Accounting: *Marginal Costing and Break-even Analysis, Activity Based Costing (ABC), Standard Costing, Budget and Budgetary Control, Target costing.*
- Financial Statement Analysis: *Ratio Analysis, Funds Flow Analysis, Cash Flow Analysis, Environmental Accounting.*
- Indian Accounting Standards and IFRS
- Auditing: *Vouching, Verification, Valuation of Assets and Liabilities, Auditor's Qualifications, Disqualifications and Remuneration, Audit Report and Certificate. Investigation, Audit of Different Institutions, Cost Audit, Social Audit, Management Audit; Recent Trends in Auditing: Environment Audit, System Audit, Energy Audit, Computerised Auditing Systems.*

## **2. Financial Management**

- Sources of Finance
- Capital Structure
- Leverage
- Cost of Capital
- Time Value of Money
- Capital Budgeting
- Working Capital Management
- Dividend Decisions
- Risk and Return Analysis

### **3. International Finance**

- International Monetary Systems
- Foreign Exchange Market
- Exchange Rate Risk and Hedging Techniques
- International Financial Markets and Instruments: *Euro, GDRs, ADRs*
- Multinational Capital Budgeting

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

- Income-tax:
  - Basic concepts
  - Residential status and tax incidence
  - Exempted incomes; Agricultural income
  - Heads of Income
  - Source of Income
  - Computation of taxable income under various heads
  - Deductions from Gross total income
  - Gross Total Income and Taxable Income
  - Tax Liability
  - E-filing of income tax returns
  - Advance payment of tax
  - TDS and TCS
- 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
  - Make or buy decisions
  - Own or lease an asset
  - Retain, Renewal or replacement of asset
  - Shut down or continue operations

## 5. 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*
- Research: *Concept and Types, Research Designs*
- Data: *Collection and Classification of Data*
- Sampling: *Concepts, Methods of Sampling (Probability and Non-probability Methods), Sampling Distribution.*
- Hypothesis Testing: *z-test; t-test; ANOVA; Chi-square test, Kruskal-Wallis test (H-test).*
- Report Writing