

## SCI Assistant Manager Exam Pattern

Subject-Topic Name	Number Of Questions	Time Duration
Core Domain/Professional Knowledge	60	120 Minutes
Quantitative Aptitude	10	
Logic and Reasoning	10	
General Awareness & Current Affairs	10	
English language and Reading comprehension	10	
<b>Total</b>	<b>100</b>	

## SCI Assistant Manager Syllabus - Topic Wise

### Quantitative Aptitude

- Mensuration
- Odd Man Out
- Percentages
- Simple Interest Indices and Surds
- Compound Interest
- Boats and Streams
- Pipes and Cisterns
- Time and Work Partnership
- Quadratic Equations
- Volumes
- Ratio and Proportion
- Averages
- Problems on L.C.M and H.C.F
- Problems on Trains
- Areas
- Probability
- Permutations and Combinations
- Numbers and Ages
- Problems on Numbers
- Mixtures and Allegations
- Profit and Loss
- Simple Equations
- Races and Games
- Simplification and Approximation

- Time and Distance

## **Logic and Reasoning**

- Analogies
- Cubes and Dice
- Mirror Images
- Arithmetical Reasoning
- Visual Memory
- Directions
- Number Ranking
- Syllogism
- Blood Relations
- Syllogistic Reasoning
- Arrangements
- Decision Making
- Number Series
- Statement and Conclusions
- Embedded Figures
- Problem Solving
- Coding-Decoding
- Statement and Arguments
- Situation Reaction Tests
- Cause and Effect
- Assertion and Reason
- Alphabet Series
- Statement and Courses of Action
- Statement and Assumptions
- Punch lines
- Analytical Reasoning
- Deriving Conclusion
- Judgment
- Clocks & Calendars
- Non-Verbal Series

## **General Awareness & Current Affairs**

- Artists
- Famous Places in India
- Famous Books & Authors
- Inventions and Discoveries
- Sports

- Current Affairs
- Famous Days & Dates
- Rivers, Lakes, and Seas
- Indian Economy
- Indian Politics
- Indian History
- Tourism
- Countries and Capitals
- Indian Parliament
- General Science
- Culture

## **English**

- Use of idioms
- Comprehension of passage
- Direct and Indirect speech
- Phrases & their meaning
- Homonyms
- Synonyms
- Prepositions
- Error Correction (Phrase in Bold).
- Error Correction (Underlined Part)
- Transformation
- Grammar
- Fill in the blanks
- Common Vocabulary
- Similar Words
- Data Interpretation
- Sentence Structure
- Opposite Words
- Sentence Arrangement
- Spotting Errors
- Para Completion
- Spelling Test
- Idioms and Phrases
- Sentence Arrangement
- Sentence Completion
- Word Formation
- Spelling Test
- Passage Completion
- Antonyms

- Active and Passive Voice

## **Core Domain/Professional Knowledge**

### **Finance**

- Accounting Standards.
- Financial Accounting.
- Indirect & Direct – Tax Management.
- Computer Applications in Business.
- Management Control System
- Auditing.
- Corporate & Industrial Laws.
- Financial Management.
- Operation & Project Management Control.
- Managerial Economics.
- Cost & Management Accounting.
- Management Science.
- Security Analysis and Investment Management.
- Costing Techniques.
- Management Information Systems.

### **Human Resource (HR)**

- Emotional Intelligence and Managerial Effectiveness.
- Industrial Relations & Trade Unions.
- Human Resource Development.
- Performance Management & Appraisal.
- Training and Development.
- Management of Compensations and Benefits.
- Conflict Management.
- Grievance Management.
- Organizational Structure Design and Change.
- Human Resource Management.
- Human Resource Planning.
- Management Process and Organizational Behavior.
- Managing Interpersonal and Group Processes.
- Labour Laws.
- Management Science.
- Business Policy and Strategic Analysis.
- International Business Environment.
- Managerial Economics.

- Human Resource Information System.
- Total Quality Management
- Financial Management and Accounting.
- Marketing Management.
- Quantitative Methods & Research Methodology.
- Production and Operations Management.
- Business Ethics, Corporate Governance & Social Responsibility.

## **Civil Engineering**

- Open Channel Flow
- Pipe Flow
- Design of Steel Structures
- Building Materials
- Solid Mechanics
- Design of Concrete & Masonry Structures
- Construction Practices, Planning & Management
- Fluid Mechanics
- Hydraulic Machines & Hydro Power
- Environmental Engineering
- Surveying
- Transportation Engineering
- Hydrology
- Water Resource Engineering
- Solid Waste Management

## **Law**

- Constitutional Law
  - Public International Law
  - Mercantile Law
  - Labour Law
  - Crimes
  - Torts
  - IPR & Other Laws
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- Word Formation
  - Spelling Test
  - Passage Completion
  - Antonyms
  - Active and Passive Voice