

State Industries Promotion Corporation Syllabus

SIPCOT Assistant Engineer General Awareness Syllabi

- Current Affairs
- Authors
- International & National Organizations
- Abbreviations
- Environment
- General Knowledge
- Book
- History
- Geography
- General Science
- Budget
- Indian Economy
- Awards

State Industries Promotion Corporation General English Syllabi

- Essay
- Letter Writing
- Press release/Appeal
- Report Writing
- Writing on Visual Information
- Formal Speech
- Precis writing
- Reading Comprehension
- English Grammar
- Tenses
- Voice
- Narration (Direct-Indirect)
- Transformation of sentences
- Use of Articles and Determiners and use of Prepositions
- Use of Phrasal verbs and use of idiomatic expressions
- Administrative Glossary
- Synonyms/Antonyms
- One-word substitution
- Cohesive devices/Connectives/Linkers
- Affixes
- Words that confuse homonyms/homophones

sipcot.com Assistant Engineer Reasoning Syllabi

Verbal Reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

Non-Verbal Reasoning

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series
- Analogy
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures

- Classification
- Rules Detection

மாநில தொழில் மேம்பாட்டு கழகம் **Aptitude Syllabi**

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

SIPCOT Assistant Engineer Civil Engineering Syllabi

- AC Fundamentals
- Electrical Machines
- Basic Electrical Engineering Concepts
- Power Electronics & Drives
- Basic Electronics etc
- Power Systems
- Electric heating
- Resistance Heating
- Lighting calculations

- Analog and Digital Electronics
- Magnetic Circuit
- Utilization of Electrical Energy
- Measurement and measuring instruments
- Network Theory
- Induction heating
- Electric traction
- Dielectric heating
- Estimation and costing

State Industries Promotion Corporation Electrical Engineering Syllabi

- Construction and Project Management
- Transportation Engineering
- Bridge Engineering
- Steel Structures
- Hydrology & Water Resources Engineering
- Fluid Mechanics
- Costing, Estimation, and Specifications
- Environmental Engineering
- Reinforced Concrete Structures
- Civil Engineering Materials and Construction
- Hydraulic Structures
- Concrete Technology
- Soil Mechanics and Foundation Engineering
- PSC Structures
- Solid Mechanics, Structural Analysis
- Environmental Studies