

**BCPL Technician Syllabus || Download BCPL Technician & Other Posts
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BCPL Exam Pattern For Foreman, Operator & Technician

S.No	Exam Type	Subjects Names
1.	Objective Type Multiple Choice Questions	Mechanical
2.		Electrical
3.		Chemical
4.		Quantitative Aptitude
5.		General English
6.		Reasoning
7.		General Knowledge

BCPL Technician Syllabus For Topic Wise

Reasoning

- Classification.
- Alphabet Test.
- Logical Sequence of Words.
- Eligibility Test.
- Puzzle Test.
- Coding-Decoding.
- Data Sufficiency.
- Theme Detection.
- Logic.
- Analogy.
- Alpha-Numeric Sequence Puzzle.
- Inserting The Missing Character.
- Direction Sense Test.
- Series Completion.

- Clocks & Calendars.
- Mathematical Operations.
- Arithmetical Reasoning.
- Number, Ranking & Time Sequence.
- Statement – Arguments.
- Logical Venn Diagrams.
- Situation Reaction Test.
- Statement – Conclusions.
- Deriving Conclusions from Passages.

General Knowledge

- Environment.
- Rajasthan History.
- Basic GK.
- Inventions in the World.
- Rajasthan Politics.
- Rajasthan Culture.
- Famous Days & Dates.
- Botany.
- Sports.
- Chemistry.
- Rajasthan Parliament.
- Famous Books & Authors.
- Basic Computer Knowledge.
- Zoology.
- Rajasthan Economy.
- Geography.
- Physics.

Quantitative Aptitude

- Roots.
- Bar Graphs.
- Problems on Trains.
- Time and Distance.
- Line Graphs.
- Volume & Surface Area.
- Profit and Loss.
- Clocks.

- Mixtures & Allegations.
- Probability.
- Problems on Ages.
- Logarithms.
- Percentages.
- Decimal & Fractions.
- Averages.
- Time and Work.
- Ratio and Proportions.
- Boats & Streams.
- Pipes & Cisterns.
- HCF & LCM.
- Simplification.
- Mensuration.
- Pie Charts.
- Number System.
- Permutation & Combination.
- Simple & Compound Interest.
- Heights & Distances Partnership.

General English

- Synonyms.
- Antonyms.
- Adverb.
- Grammar.
- Error Correction.
- Theme detection.
- Cloze Test.
- Comprehension.
- Word Formation.
- Passage Completion.
- Idioms and Phrases.
- Sentence Correction.
- Subject-Verb Agreement.
- Conclusion.
- Verb.
- Vocabulary.
- Unseen Passages.
- Fill in the Blanks.

- Articles.
- Passage Correction.
- Idioms & Phrases.
- Tenses.
- Sentence Completion.
- Sentence Rearrangement.

Mechanical Engineering

- The Strength of Materials.
- Thermodynamics
- Engineering Materials.
- Refrigeration & Air Conditioning.
- Heat Transfer.
- Fluid Machinery & Steam Generators.
- Industrial Engineering
- Fluid Mechanics.
- Machine Design.
- Theory Of Machines etc.

Electrical Engineering

- Power System Analysis & Control.
- Electrical Instrumentation.
- Utilization of Electrical Energy.
- Power Systems
- Network Analysis.
- Electromagnetic Theory.
- Electronics Devices.
- Electrical Machines.
- Power Electronics & Drives.
- Switch Gear and Protection.
- Control Systems.
- Analog and Digital Electronics.
- Power System Protection etc.

Chemical Engineering

- Reaction Dynamics.
- Organic Reactions.
- Atoms and Molecules.

- Stereochemistry.
- Spectroscopic Techniques.
- Transition Metal Chemistry.
- Photochemistry.
- Electrochemistry etc.

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