

PGCIL Junior Technician Trainee Syllabus

PGCIL Trainee Syllabus is given here. Students can check the official website for more details.

Part-I consists of Technical/Professional Knowledge Test

- [Electrical Trainee Syllabus.](#)
- [Civil Trainee Syllabus.](#)

Part-II consists of Aptitude Test

- [Vocabulary.](#)
- [Verbal comprehension.](#)
- [Quantitative aptitude.](#)
- [Reasoning ability.](#)
- [Data sufficiency & interpretation.](#)
- [Numerical ability](#)

PGCIL Electrical Trainee Syllabus

- Electrical Basics.
- Electrical Engineering Materials.
- DC Machine, AC Machine & Transformer.
- Analog Circuits/ Electronics.
- Electrical Measurements & Measuring.
- Instruments.
- Control System.
- Digital Electronics.
- Generation, Transmission & Distribution of Electrical Power.
- Circuit Theory.
- Network theory.
- Microprocessor.
- Power Electronics & Drives.

PGCIL Civil Trainee Syllabus

- Concrete/ Construction Technology.
- Fluid Mechanics.

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- Soil Mechanics.
- Strength of Materials.
- Engineering Mechanics.
- Civil Engineering Materials.
- Environmental Engineering.
- Transportation Engineering.
- Structural Engineering/RCC design.
- Structural Engineering/Steel/ Reinforced Cement Concrete.
- Survey estimating.

PGCIL Trainee Syllabus for English

- English Language.
- Vocabulary.
- Grammar.
- Sentence structure.
- Spot the error.
- Fill in the blanks.
- Synonyms/ Homonyms.
- Antonyms.
- Spellings.
- Detecting Mis-spelt words.
- Idioms and phrases.
- One word substitutions.
- Improvement.
- Shuffling of sentence parts.
- Shuffling of Sentences in a passage.
- Cloze passage.
- Verbal Comprehension passage.

PGCIL Trainee Syllabus for Quantitative Aptitude

- Simplification.
- Average.
- Percentages.
- Time & Work.
- Area.
- Profit & Loss.

- Simple & Compound Interest.
- Time & Speed.
- Investment.
- HCF & LCM.
- Problem On Ages.
- Bar Graph.
- Pictorial Graph.
- Pie Chart.
- Data Interpretation.
- Number Systems.
- Fundamental Arithmetical operations.
- Algebra.
- Geometry.
- Mensuration.
- Trigonometry.
- Statistical Charts.

PGCIL Trainee Syllabus for Reasoning Ability

- Problem Solving.
- Syllogistic Reasoning.
- Decision Making.
- Visual Memory.
- Judgment.
- Non-Verbal Series.
- Analogies.
- Clocks & Calendars.
- Number Series.
- Coding-Decoding.
- Directions.
- Cubes and Dice.
- Alphabet Series.
- Mirror Images.
- Arithmetical Reasoning.
- Number Ranking.
- Arrangements.
- Blood Relations.
- Embedded Figures etc.

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