

View TCIL Junior Engineer Exam Pattern For Exam

S.No	Type of Exam	Name of the Subjects	Exam Duration
1	Both Objective/Subjective	General Knowledge/General English	2 Hours
2		Technical Domain Knowledge	

The TCIL Exam is the objective Type of the Exam and is described in the Given TCIL Junior Engineer Exam Pattern Table along with the important topics in it. And then only by having this TCIL Assistant Syllabus on their hand, they will get the good score which will help them to step on to the further selection rounds.

TCIL Junior Engineer Syllabus -Topic Wise

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Technical Domain Knowledge

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Civil

- Foundation Engineering.
- Design of Steel Structures.
- Transportation Engineering
- Construction
- Estimation
- Highway Engineering.
- Traffic Engineering.
- Solid Mechanics.
- Geotechnical Engineering
- Irrigation Engineering.
- Environmental Engineering.
- Planning and Management.
- Water Resources and Hydraulic Engineering
- Structural Analysis.
- Building Materials and Building Construction.
- Design of Concrete Structures.

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Telecommunication

- Electrical Machine Design
- Control Systems
- Computer Control of Electrical Drives
- Field Theory
- Signals and Systems
- Transformers and Induction Machines
- Information and Network Security
- Logic Design
- Basic Electronics
- Electronic Circuits
- Microcontrollers
- Control Theory
- Engineering Mathematics, Physics, and Chemistry
- Power System Analysis and Stability
- Electrical and Electronic Measurements and Instrumentation
- Network Analysis
- Electrical Power Utilization
- Artificial Neural Networks
- Electrical Design, Estimation and Costing
- Power System Operation and Control
- Electromagnetic Compatibility
- VLSI Circuits and Design
- Introduction to Computer Programming
- Power Electronics

Practice Reasoning Mock Test Questions

General English

- Cloze Test.
- Subject-Verb Agreement.
- Adjectives.
- Missing Verbs.
- Idioms & Phrases.
- Antonyms.
- Sentence Corrections.
- Articles.
- Para Jumbles.
- Reading Comprehension.
- Error Spotting/Phrase Replacement.
- Word Formations.
- Fill in the Blanks.
- Adverb.
- Grammar.

- Sentence Rearrangement.
- Phrase Replacement.
- Synonyms
- Verb.
- Unseen Passages.
- Meanings.

Practise English Mock Test Questions

General Knowledge

- Daily News.
- Countries and Capitals.
- History.
- Economic Scene.
- Geography.
- States & Capitals.
- Culture.
- Indian Constitution.
- Sports & Games.
- Current Events.
- Famous Personalities.
- Art & Culture.
- Scientific Research.
- National & International affairs.
- Current GK.
- Sports.
- Countries & Currencies.

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