

## **Selection Process for the post of Junior Technical Superintendent [Civil]**

(Staff Recruitment Advt. No.: IITDh/Admin/SR/29/2024-25 dated 26th August 2024)

All the shortlisted candidates are required to appear in person for the Written Test (s) scheduled on 13<sup>th</sup> June 2025 (Friday). The venue for Written Test (s) is IIT Dharwad, Karnataka.

Candidates securing minimum qualifying marks as laid down by the selection committee in Written test I shall be shortlisted for Written test II.

The final selection will be based on aggregate marks obtained from both the written tests (I & II) with weightage of 40% in Written Test I and 60% in Written Test II.

### **Examination Pattern:**

#### **Written Test –I (MCQ Type) (40% Weightage)**

Section	Topics/Subjects	Time Duration
1	General Ability Test	90 Minutes
2	Technical	

*Note: 0.60 Negative Marks for every wrong answer in the MCQ test.*

#### **Written Test-II (60% Weightage)**

Section	Topics/ Subjects	Time Duration
3	Technical	30 Minutes
4	Technical Trade/Skill Test (Pen and Paper) (Questions basically linked to experiments)	80 Minutes

*Note: 0.60 Negative Marks for every wrong answer in the MCQ test.*

### **Syllabus:**

Section	Broad syllabus
1	Synonyms and Antonyms, Error Spotting/ Correction, Phrasal Verbs, Idioms, and Phrases, etc. Number Series, Letter Series, Coding-Decoding, Direction Sense, Logical Reasoning, Mental Reasoning, Percentage, Average, Profit & Loss, Ratio & Proportion, Speed, Distance and Time, Simple and Compound Interest, Simplification, Mathematical Reasoning.
2	Engineering Mechanics; Strength of Materials; Structural Analysis; Building Materials; Estimating and Costing
3	Building Planning and Drawing; Water Resources Engineering; Design of Concrete Structures; Design of Steel Structures; Geotechnical Engineering; Transportation Engineering; Environmental Engineering; Construction Technology and Management
4	All the experiments of the following laboratories: Solid Mechanics; Concrete Technology; Surveying; Fluid Mechanics and Hydraulics; Geotechnical Engineering; Traffic & Transportation Engineering; Environmental Engineering; Computer Aided Design and Drafting (AutoCAD and STAAD Pro)