



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

(Staff Recruitment Advt. No: IITDH/Admin/Staff Recruitment/26/2023-24 dated 12<sup>th</sup> September 2023)

All the shortlisted candidates are required to appear in person for the Written Test(s). The venue for Written Test(s) is IIT Dharwad, WALMI Campus, Belur Industrial Area, Near High Court Bench, Pune - Bengaluru Road, 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
1	General Ability Test
2	Technical Questions

*Note: 0.25 Negative Marks for every wrong answer MCQ test.*

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

Section	Topics/ Subjects
3	Technical
4	Technical Trade/Skill Test (Pen and Paper)

*Note: 0.25 Negative Marks for every wrong answer in MCQ questions, If any.*

### **Syllabus:**

Section	Broad syllabus
1	General Awareness, Reasoning, Quantitative Aptitude, Communication Skills
2, 3 & 4	<b>Computer Science Fundamentals</b> Discrete Mathematics, Logic, Automata, Data Structures and basic Algorithms, Computer organization and architecture, Operating Systems, Computer Networks, Database Systems. <b>Programming and Web Technologies</b> C, C++, Java, Python, HTML, CSS, PHP, Javascript, SQL, Linux, Bash scripting including Pipes, filters, redirections, awk, sed. File handling, Socket Programming, LaTeX.