



Selection Process for the post of Junior Technician (Postcode 19)

(Staff Recruitment Advt. No: IITDH/ Admin/Staff Recruitment/25/2023-24 dated 1st February 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	i) Computer Science fundamentals Networking Concepts: Network OSI layers, VLAN, DNS, DHCP, Network management and debugging using SNMP ii) Programming, Networking, Web Technologies System administration and Security <ul style="list-style-type: none">• OS/ Software/ Printer/ AV systems/ Projector: Installations, configuration, troubleshoot and repair.• Programming with systems and shell: Linux, Bash script including pipes, filters, redirections, Sed and Awk, File handling from programs, command-line text editing with any editor.• Desktop/Server/Peripherals: Linux system administration, maintenance and monitoring, Diskbackup, Virtual Machine and container image creation and backup, etc.• Configuring and troubleshooting: fixing network connected devices both locally and remotely; network automation through open-source tools.• Experience in design and development websites/web applications using HTML/CSS, Javascript, database and related technologies.
3	Same as mentioned in Section 2
4	Same as mentioned in Section 2