

## **INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

1.	Reference	Advt. No. IITR/Rect Cell/2025/2 dated 27-02-2025
2.	Name of Post	Junior Technical Superintendent (Sanitation) (Group B)
3.	Mode of Recruitment	Direct Recruitment

### **Tier-I Examination (50 marks)**

1. The 2 hours Optical Response Sheet (ORS) based examination will comprise of multiple-choice questions with one correct answer.
2. One (1) mark will be awarded for each correct answer and minus one by three  $\left(-\frac{1}{3}\right)$  mark for each incorrect answer.
3. The unanswered questions will not attract negative marks.
4. Question paper will have two sections namely General Section and Post Related Section.

#### **General Section (20 Marks)**

- **English Language and Comprehension:** English Grammar, Sentence Correction and Completion, Paragraph Summary, Reading Comprehension & Inferences, Verbal Analogies & Critical Reasoning
- **Mathematics & Numerical Ability:** General Mathematics - upto 10th Standard. Numerical Computation, Numerical Reasoning, Data Reasoning and Data Interpretation
- **General Awareness and Current Affairs:** Current Affairs, Government Schemes. Economics, Geography, Indian History, Indian Polity, Indian Constitution – upto 10th Standard
- **Logical Reasoning:** Number/Alphabet Series, Reasoning Analogies, Relations, Calendars, Cause and Effect, Clocks, Coding-Decoding, Directions, Connectives
- **Computer Proficiency:** Knowledge of MS Windows and MS Office, Internet, and email system

#### **Post Related Section (30 Marks)**

Physics, Chemistry, Mathematics and Computer Science upto +2 standard –and post related section as provided below: Introductory and theoretical knowledge about Hygiene, Personal Hygiene, Occupational Hygiene, Sanitation Systems, Pest Control, Cleaning and Sanitization, and Waste. Municipal Solid Waste Management, Biomedical Waste Management, Industrial Waste Management, and Liquid Waste Management. Laws and regulations and their effective implementation, Waste Management: Policy and Legislation. Hygiene, sanitation, and waste management practices in public places, Fair and Festival Sites, Hostels, Hospitals, Offices/workplaces, and Food Service Establishments.

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### **Tier-II Examination (only for shortlisted candidates) (50 marks)**

#### **Job Oriented Test**

The 01-hour Computer Based Test will comprise of the following:

- Typing skill test (English) to test typing efficiency and quality
- Test Knowledge of CAD, MS Excel and Power Point
- About equipment and experiments for Engineering and Science Labs and job related branches