

## INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

1.	Reference	Advt. No. IITR/Rect Cell/2023/1 dated 13-07-2023
2.	Name of Post	Junior Technical Architect (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 (15 Marks)**

- **English Language and Comprehension**
- **General Aptitude**
- **General Knowledge:** Related to Architecture & Planning
- **Reasoning:** Reasoning Analogies and Relations

#### **Post Related Section (35 Marks)**

Architectural Design, Basic Design & Visual Arts, Computer Applications in Architecture, Climatology, Theory of Architecture, Acoustics, Contemporary Architecture, Estimation & Costing, Physical Planning, Professional Practice & Valuation, Interior Design, Landscape Architecture, Disaster Resistant Structures, Urban Design, Construction Project Management, Ecology & Environment, Housing, Conservation, Building Automation Systems, National Building Code, Building Services, Building Materials and Construction

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

#### **Design Application and Hands-on Software Skills**

The 02 hours Computer Based Test will comprise of the following:

- Architectural Design and Interior Detailing
- Computer Applications in Architecture
- Working Drawing

**Note: AutoCAD 2023 will be made available.**