



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

(शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित)

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**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI**

(Estd. by Ministry of Education, Govt. of India)

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## NOTICE

Ref.: Advt. No. IISER M/ NF (16)/Regular/2022-23 dated 15-03-2023

Dated: 25.05.2023

### **Syllabus and Pattern of Examination for the posts of Senior Technical Officer (IT/Lab) (Post Code-02) & Technical Officer (IT/Lab) (Post Code-03)**

1. The Question Paper 1 will be common for both Senior Technical Officer and Technical Officer.
2. The written exam will be of 75 minutes duration for **Paper-1**.
3. The **Paper-1** will have three Parts, Part-A, Part-B and Part-C.
4. **Part A** will have 15 multiple choice questions (MCQs) of Mental Ability, all of which have to be answered by the candidates.
5. **Part B** will have 15 multiple choice questions (MCQs) of General Knowledge and General English, all of which have to be answered by the candidates.
6. **Part C** will have 60 multiple choice questions (MCQs) from Biology, Chemistry and Physics (20 Questions from each subject). Candidates have to attempt any 20 Questions out of 60 of his/her choice.
7. For MCQs, each correct answer will be awarded 2 marks, and for each wrong answer there will be negative 0.5 marks.
8. **Paper-2** (for Senior Technical Officer only), 9 descriptive questions out of which candidate has to attempt any 5 questions of 10 marks each (Total Marks 50)
9. The exam will be of 75 minutes duration for **Paper-2** (for Senior Technical Officer only).
10. Paper-1 & Paper-2 for this examination shall be conducted on the same day.

### **Syllabus for Paper 1:**

**Part A:** Logical and Mathematical Aptitude, Logical Reasoning, General Knowledge, English  
(of the Graduation level in Indian Universities)

**Part B:** General Knowledge, General English.

**Part C:** Physical Sciences, Chemical Sciences and Life Sciences  
(of the Graduation level in Indian Universities)

### **Syllabus for Paper 2 (for Senior Technical Officer only):**

The descriptive type questions will be asked from the Physical Sciences, Chemical Sciences and Life Sciences (of the Post-Graduation level in Indian Universities).

### **NOTE :-**

**For Technical Officer:** Paper-1 is qualifying in nature and top 5 candidates based on marks obtained in Paper-1 will be shortlisted to attend the Interview subject to achieving minimum threshold of 40%.

**For Senior Technical Officer:** Paper-1 and Paper-2 are qualifying in nature and top 5 candidates based on marks obtained in Paper-1 and Paper-2 will be shortlisted to attend the Interview subject to achieving minimum threshold of 40% (in Paper-1 + Paper-2).

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भा. वि. शि. अ. सं. मोहाली