भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

(शिक्षा मंत्रालय, भारत सरकार)

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सूचना / NOTICE

Ref.: Advt. No. IISERM/NF (01)/Regular/2024-25 dated 20.10.2024

Pattern of written examination and Skill test for the post of Junior Library Superintendent (Post Code: R-06)

1. The written examination will be MCQ based exam consist of two parts: **Part 1** (consisting of 20 questions from general subjects viz. Mental Ability, General Knowledge and General English) and **Part 2** (consisting of 30 questions from domain knowledge).

2. The **written examination** will be of 90 minutes duration.

3. Each question will have 4 options i.e. A, B, C and D and only one correct answer.

4. The candidates will be awarded +2 marks for each correct answer encircled by them in the OMR sheet.

5. For each incorrect answer encircled in the OMR sheet, 0.5 marks will be deducted.

6. If a question is left blank/unanswered, there will be no penalty for that answer.

7. If any candidate encircles more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be penalty of 0.5 marks deduction.

8. A **skill test** of 30 minutes duration consisting of 50 marks will be conducted.

9. Merit list shall be drawn on the basis of marks obtained by the candidates in written examination only. Skill test will be qualifying in nature.

Syllabus for Written Examination (*50 Questions, Total-100 Marks and 90 Minutes duration*):

Part 1: Mental Ability, General Knowledge and General English.

Part 2: Syllabus for the domain of Library Science is detailed below:

Library Science Fundamentals

- History and development of libraries
- Library services and functions
- Library Organization and Management
- Library policies and procedures
- Collection development and management
- Preservation and conservation of library materials
- Bibliography and reference services

Information Retrieval and dissemination

- Principles of information retrieval
- Information retrieval systems and techniques
- Information Retrieval and document delivery
- Cataloging and classification
- Search engines and web search
- Indexing and abstracting
- Bibliographic control
- Information Sources and services
- Print and electronic resources
- Reference materials and services

Library trends and Technology

- Library automation and integrated Library systems
- Digitalization and digitization
- Data Migration and data conservation
- Electronic resources and services
- Social media and libraries
- Open source software for libraries
- Library standard, MARC21, AACR2, RDA etc.
- Web based library services

Digital Libraries

- Overview of Digital Libraries
- Architecture of digital libraries
- Digital libraries and repositories
- Digital library software and tools
- Digital library services and application
- Metadata and indexing
- Digital Transformation
- Use of machine learning in libraries

Computers and Networking in libraries

- Library networks (OCLC, INFLIBNET, DELNET, etc.)
- Operating system and file management
- Computer networks
- Networking concepts and technologies
- Networking protocols
- Internet and intranet technology for libraries
- Web applications for libraries

Library Ethics and Issues

- Ethics in library and information science
- Intellectual property rights
- Privacy and confidentiality
- Professional development and continuing education

Information literacy

- Overview of information literacy
- Skills and competencies
- Reference management tools

Syllabus for Skill Test (*Total-50 Marks and 30 minutes duration*):

Skill test will be of 30 minutes duration. Candidate will be required to perform activity asked by invigilator from below mentioned activities:

1. Cataloguing of books in Koha with all fields following the MARC standard and AACR rules, and save the record (analysis based on the accuracy and time frame).

2. OPAC searching and tracing of books from the shelves (precisely to the barcode no. in the book) (Time-bound)

3. Analyze the report from the Scopus Database, i.e. Institute, Author, Documents, etc. (analysis based on the accuracy and time frame).

4. Article searching from the subscribed resources (Time-bound)

5. Book Classification using DDC (analysis based on the accuracy and time frame).

6. Metadata Creation in D-space (Time-bound)

Kindly Note: *The syllabus is indicative and not exhaustive. The syllabus should not be considered as the only source of information while preparing for the examination.*

भर्ती प्रकोष्ठ / Recruitment Cell
भा. वि. शि. अ. सं. मोहाली / IISER Mohali

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