

The Schedule of selection process, syllabus and instructions to candidates for the post of Scientific Technical Assistant (LS) are as follows:

Sl. No.	Details for Selection procedure	Date of Written Test	Reporting time	Venue
1	Written Test; Final selection will be on merit of written only.	Saturday, 05.08.2023	9:30 AM	INFLIBNET Centre, Gandhinagar, Gujarat 382007

Syllabus for Written Test	No. of MCQ	Total Marks	Duration
As given below:	100	100	120 Min.

Sl No	Topics	(Weightage %)
1	Types of Libraries – Academic, Public and Special.	10
	Library Legislation and Library Acts in Indian States; The Press and Registration of Books Act;	
	Laws of Library Science.	
	Professional Associations - National – ILA, IASLIC, IATLIS; International – IFLA, ALA, CILIP, ASLIB, SLA; Role of UGC, RRRLF and UNESCO in Promotion and Development of Libraries.	
	Library and Information Science Education in India	
	Library Extension Activities	
	Trends in Library and Information Science	
2	Data, Information, Knowledge and Wisdom.	10
	Information Life Cycle - Generation, Collection, Storage and Dissemination.	
	Information Science - Relationship with other subjects, Information Society and Knowledge Society.	
	Communication – Concept, Types, Theories, Models, Channels and Barriers; Trends in Scholarly communication.	
	IPR and Legal Issues - Categories, Conventions, Treaties, Laws.	
	Right to Information Act (RTI); Information Technology Act.	
	National Knowledge Commission; National Mission on Libraries	
3	Information Literacy - Areas, Standards, Types and Models; Trends in Information Literacy	10
	Information Sources - Nature, Characteristics, Types and Formats.	
	Sources of Information - Primary, Secondary and Tertiary; Documentary and Non-Documentary.	
	Reference Sources - Bibliographical, Biographical, Educational, Language and Geographical.	
	Electronic Information Resources - Subject Gateways, Web Portals, Bulletin, Boards, Discussion Forums /Groups.	
	Databases: Bibliographic, Numeric, Full text, Multimedia; Open Access Databases.	
	Evaluation of Reference Sources and Web Resources.	




	Search and Discovery Services.	
	Library Resource Sharing and Library Consortia – National and International.	
	National Information Systems and Networks: NISCAIR, DESIDOC, SENDOC, ENVIS, INFLIBNET, DELNET, NICNET, ERNET, National Knowledge Network (NKN), Biotechnology Information System Network	
	International Information Systems and Networks: INIS, AGRIS, INSPEC, MEDLARS, BIOSIS, ERIC, Patent Information System (PIS), Biotechnology Information System (BIS).	
4	Type of Users - User Studies, User Education. Community Information Services. Reference Service – Concept and Types; Referral Services Alerting Services - CAS, SDI, Inter Library Loan and Document Delivery. Mobile based Library Services and Tools – Mobile OPAC, Mobile Databases, Mobile Library Website, Library Apps, Mobile Library Instructions, Augmented Reality, SMS Alerts, Geo-Location, Reference Enquiry. Web 2.0 and 3.0 - Library 2.0- Concept, Characteristics, Components; Instant Messaging, RSS Feeds, Podcasts, Vodcasts, Ask a Librarian Collaborative Services- Social Networks, Academics Social Networks, Social Tagging, Social Bookmarking.	10
5	Universe of Knowledge - Nature and Attributes; Modes of Formation of Subjects. Knowledge Organisation - Classification -Theories, Canons, and Principles; Simple Knowledge Organisation System (SKOS), Taxonomies, Folksonomy, Trends in Classification. Mapping of Subjects in Library Classification Schemes – DDC, UDC and CC. Knowledge Organisation: Cataloguing - Canons and Principles; Centralized and Co-operative Catalogue; Library Cataloguing Codes: CCC and AACR - II. Standards of Bibliographic Record Formats and Description – ISBD, MARC 21, CCF, RDA, FRBR, Bibframe. Standards for Bibliographic Information Interchange & Communication - ISO 2709, Z39.50, Z39.71. Metadata Standards: Dublin Core; MARC21, METS, MODES, EAD. Indexing Systems and Techniques: Assigned - Pre-coordinate; Post-Coordinate; Derived- Title-based; Vocabulary Control. Abstracting – Types and Guidelines. Information Retrieval System – Features, Components, Models and Evaluation. Ontology – Tools (RDF, RDFS, Protege).	10
6	Computer Technology - Character Representation (ASCII, ISCII, Unicode); Computer Hardware, Software; Storage Devices; Input and Output Devices. Types of Software - System Software, Application Software. Telecommunication - Transmission Channels, Mode, and Media, ISDN, PSDN, Computer Networks - Topologies, Types of Networks – LAN, MAN, WAN. Internet - Web browsers, WWW, E-mail; Search Engines, Meta and Entity Search engines. Internet Protocols and Standards – HTTP, FTP, SMTP, TCP/IP, URI, URL. Hypertext, Hypermedia, Multimedia, Video conferencing, Virtual Reality. Cloud Computing Semantic Web, Linked Data, Big Data, Data Mining, Data Harvesting	10



7	Library Automation – Areas, Planning, Selection of Hardware and Software, Implementation and Evaluation; Standards for Library Automation. Barcode, RFID, QR Code, Biometric, Smartcard: Features and Applications. Digitization – Planning, Selection of Materials, Hardware, Software, Process, Issues. Digital Library: Genesis, Characteristics, Types, Architecture; Standards, Formats and Protocols, DOI. Digital Preservation - Need, Purpose, Standards, Methods, Techniques, Projects (National and International) Digital Library Initiatives – National and International. Institutional Repositories - Need, Purpose, Types and Tools; Institutional Repositories in India; ROAR, DOAR, SHERPA-ROMEO. Content Management Systems – Architecture, Data Integration, CMS Software – Selection, Implementation and Evaluation.	10
8	Research Types of Research – Basic and Applied, Interdisciplinary and Multidisciplinary. Research Methods: Historical, Descriptive, Experimental and Delphi. Research Design - Selection of Research Problem, Review of Literature; Formulation of Research Problem; Hypothesis – Formulation, Types and Testing; Sampling Techniques. Methods of Data Collection Data Analysis and Interpretation Plagiarism: Concept and Types. Statistical Packages – Spreadsheet, SPSS, Bibexcel, 'R' Statistics. Research Report Writing and Citation Tools – Structure, Style, Contents, Guidelines; Style Manuals; Online Citation Tools; Reference Management Tools; Evaluation of Research Report. Metric Studies in LIS - Bibliometrics, Scientometric, Webometrics, Altmetrics; Impact Factors – Journal, h-Index, g-Index, i10 Index. Trends in Library and Information Science Research.	10
9	General Aptitude / Awareness/Knowledge about INFLIBNET	20

**Instruction to the candidates:**

1. Provisionally Eligible candidate are required to submit their required/missing documents/certificates shown against their name, before appearing in Written Test failing which they will not be allowed to appear in the Test;
2. Only eligible and provisionally eligible candidates are allowed to download admit card using their application id and password generated at the time of applying;
3. If candidates, as per the uploaded list available on the website of the Centre, have not received the email intimation of Written Test may contact Centre on email: [recruitment@inflibnet.ac.in](mailto:recruitment@inflibnet.ac.in) immediately;
4. No interim correspondence will be entertained in this regard.
5. No TA will be paid for attending Test etc.

  
 Administrative Officer