

ANNEXURE - II

Scheme of examination for the post of Junior Lecturers in Residential Educational Institutions Societies as per G.O.Ms.No.31, SCD (RS) Dept, dated: 08.06.2018

Scheme of Examination for Junior Lecturer

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper-I	General Studies, General Abilities and Basic Proficiency in English	100	120	100
Paper-II	Pedagogy of concerned subject	100	120	100
Paper-III	Concerned Subject (PG Level)	100	120	100
Demonstration				25
Total				325

Scheme of Examination for Physical Director(Junior College)

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper-I	General Studies, General Abilities and Basic Proficiency in English	100	120	100
Paper-II	Physical Education	100	120	100
Demonstration				25
Total				225

Scheme of Examination for Librarian(Junior College)

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper-I	General Studies, General Abilities and Basic Proficiency in English	100	120	100
Paper-II	Library & Information Science	100	120	100
Demonstration				25
Total				225

**Written Examination Syllabus for the post of Librarian (Junior College)
in Residential Educational Institutions Societies**

15. Paper-II : Library & Information Science

Unit-1: Foundations of Library and Information Science

Five Laws of library Science; Types of Libraries and their functions; Library Movement in Telangana, Important libraries in Telangana; Library legislation in India; Library Extension Services; Library Association in India, UK and USA - ILA, IASLIC, SIS, LA and ALA; National & International organizations promoting Library Development- RRRLF, NASSDOC, NISCAIR, DESIDOC, IFLA and UNESCO

Unit-2: Information, Communication and Society

Data, Information and Knowledge; Information as a Resource / Commodity; Role of Information in Socio-Economic Development; Information Society, Knowledge Society; Knowledge Management; Information Generation, Collection, Storage and Dissemination; Communication -Channels, Barriers; National Knowledge Commission; Intellectual Property Rights; Copyright; Right to Information Act

Unit-3: Information Sources

Source of information-Primary , Secondary and Tertiary; Documentary and Non-documentary; Reference Sources- Dictionaries; Encyclopaedias; Geographical Sources; Biographical Sources; Year Books / Almanacs, Directories and Handbooks; Statistical sources; Bibliographies, Union Catalogues, Indexing and Abstracting Periodicals; Serial Publications; E-Documents - e-Books; E-Journals; Databases- Bibliographic; Numeric; and Full text

Unit-4: Information Services

Information services- Bibliographic services, Indexing and Abstracting services, CAS, SDI, Document Delivery Services, Referral services; Online Services; User Education and User Studies; Information. Seeking Behaviour and Information Needs; Information Literacy.

Unit-5: Information Processing (Classification and Cataloguing)

Organization of knowledge/information; Modes of formation of subjects; Library classification-Canons, Laws and Principles; Notation & Mnemonics; Fundamental categories; Call Number; Common isolates; Library classification Schemes-DDC, UDC, and CC; Library Cataloguing-Canons, Laws and Principles; Library cataloguing codes- CCC and AACR-II; Bibliographic standards: ISBD, MARC and CCF; Indexing-Pre- Coordinate , Post-Coordinate; Vocabulary control - Thesaurus, Lists of Subjects Headings; Information Storage & Retrieval (ISAR): Search Strategies; Boolean Operators; Evaluation of ISAR

Unit-6: Library Management

Management-Principles, Functions, Schools of Thought; Organizational Structure; Planning ; Decision making; System study-Analysis, evaluation and design; Collection Development (Books Serials, nonbook, Material)- Principles of book selection;

acquisition procedures; ISBN, ISSN; Maintenance; Preservation & Conservation; Human Resources Management; Financial Management-Resources generation, Budgeting, Cost and Cost-Benefit analysis; PERT, CPM; Library Buildings, equipment & furniture; Marketing information products and services; Total Quality Management (TQM)

Unit-7: Fundamentals of Information Technology

Information Technology -Software and Hardware; storage devices; Software - Operating Systems ; Application Software; Client-Server Technology; Different types of Servers.; Communication Technology - Telecommunications; Modem; Router; Wi Fi; Transmission Media; Networking Concepts - Topologies- LAN, MAN, WAN; Communication Tools and Techniques - Fax, E-mail, Tele Conferencing, Video Conferencing, Voice Mail. Hyper Text and Hyper Media. List Serve / Electronic groups.; Standards; Protocols and Formats; Interoperability. ; Internet Basics - WWW; Web Browsers; Search Engines; Internet Connectivity; Data Security- Computer Viruses.

Unit-8: Library Automation And Networks

Library Automation -Areas of Automation; Hardware and Software selection; OPAC; Resource Sharing and Library Networks-ERNET, NICNET, DELNET, INFLIBNET; OCLC; Library Consortia; Information systems- INIS, AGRIS, PUBMED, INSPEC; Software for Library Automation.

Unit-9: Digital Libraries

Digital Library Initiatives; Digitization - Software & hardware; Standards; File formats; Metadata; Digital Collection Management - e-books; e-journals; Databases; Electronic Thesis & Dissertations; Resource Discovery - Search engines; search tools & techniques; Digital Rights Management, copyright & plagiarism

Unit-10: Research Methodology

Types of Research; Scientific Method; Hypothesis , Data Collection; Sampling techniques; Methods of Research-Historical , Case Study, Survey, experimental method etc.; Data Analysis & Interpretation; Report Writing; Bibliometrics, Scientometrics and Webometrics.