RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER
SYLLABUS FOR COMPETITIVE EXAM FOR THE POST OF
LECTURER–- LIBRARY SCIENCE,
COLLEGE EDUCATION DEPARTMENT
PAPER – II

Unit – I :

Sources of Information – Types, Evaluation and use. Reference Sources and Web Resources – Encyclopedias. Dictionaries, Geographical Sources. Biographical Sources. Year-books/Almanacs, Directories and Handbooks. Statistical Sources – Features and evaluations. Bibliographical Sources-Bibliographies, Indexing and Abstracting Journals (Salient features and evaluation). E-documents, E-books, E-Journals. Databases – Bibliographic, Numeric and Full text-Evaluation.

Unit – II :

Reference services : Concept, Definition, Kinds and Trends, Reference service v/s Information service. Bibliographic Service, Indexing and Abstracting Service, CAS, SDI Service, Referral, Document delivery service. Translation Services, Reprographic Services. Online Service : Information products, Nature, types, and marketing.

Unit – III :

Information Technology-Components, Impact of IT on Society. Computers-Hardware, Software. Storage Devices. Input/Output Devices, Telecommunication-Transmission media, Switching systems, Bandwidth. Multiplexing, Modulation, Protocols, Wireless Communication, Fax, E-Mail, Tele-conferencing/Video-conferencing, Bulletin Board Services, Tele-text, Videotext, Voice Mail, Networking-Concepts, Topologies, Types – LAN, MAN and WAN. Hypertext, Hypermedia, Multimedia, Integrated Services Digital Network (ISDN), Open Systems Interconnection (OSI). Web Page designing, Bar coding. Cloud Computing.

Unit – IV :

Library Automation-Areas of automation, Planning, Hardware and Software Selection, OPAC. Networks-ERNET, NICNET, DELNET, JANET, BLAISE, OCLC, INFLIBNET, INTERNET-Components, Services, Browsing-Web Browsers, Netscape, Navigator and Internet Explorer, Search Engines, Meta-Data, Digital Object Identifier (DOI). National and International Information Systems-NISSAT, NASSDOC, NISCAIR, DESIDOC, INIS, AGRIS, MEDLARS, INSPEC. Institutional Repositories.

Unit –V :

Types of Libraries-National, Public, Academic and Special: Development, Objectives, Structure and Functions. Digital Libraries- Concept. Virtual Libraries-Concept. Types of users, Users studies, User education. Role of UGC in the growth and development of libraries and information centres in institutions of higher education in India. Role of Raja Rammohan Roy Library Foundation (RRLF). Recommendations of Knowledge Commission.

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Note :- **Pattern of Question Paper**

1. **Objective type paper**
2. **Maximum Marks : 75**
3. **Number of Questions : 150**
4. **Duration of Paper : Three Hours**
5. **All questions carry equal marks.**
6. **There will be Negative Marking.**