

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಉಪನ್ಯಾಸಕರ ಅರ್ಹತಾ ಪರೀಕ್ಷೆ (ಕೆ-ಸೆಟ್)
KARNATAKA STATE ELIGIBILITY TEST (K-SET)
FOR LECTUERSHIP

Subject: **LIBRARY AND INFORMATION SCIENCE**

Subject Code: **13**

Note:

There will be two question papers, Paper-II and Paper-III. Paper II will have 50 objective Type Questions (Multiple choice, Matching type; True/False, Assertion-Reasoning type) carrying 100 marks. All the 50 questions are compulsory and have to be marked in OMR sheet. Paper III contains **seventy five (75)** objective type questions (Multiple choice, Matching type; True/False, Assertion-Reasoning type) of **two (2)** marks each. All the 75 questions are compulsory and have to be marked in OMR sheet

SYLLABUS
Paper—II and Paper—III

Unit—I

Information, Information Science, Information Society

Information as a Resource/Commodity

Information Transfer Cycle-Generation, Collection, Storage and Dissemination

Role of information in Planning, Management, Socio-economic Development, Technology transfer

Communication-Channels, barriers

Intellectual Property Rights-Concept, Copyright, Censorship-Print and Non print Media.

Library and Information Policy at the National Level

Unit—II

Laws of Library Science

Library Resource Sharing and Networking

Library Movement and Library Legislation in India

Library Extension Services

Library and Information Science Education in India

Library and Information Profession

Library Associations in India, UK and USA-ILA, IASLIC, IATLIS, SIS, LA

ASLIB, SLA and ALA

Library Associations Organisations at International level-FID, IFLA and UNESCO

Unit—III

Sources of Information-Primary, Secondary and Tertiary-Documentary and Non-documentary
Reference Sources-Encyclopaedias, Dictionaries, Geographical Sources, Biographical Sources,
Year-books/Almanacs, Directories and Handbooks, Statistical (salient features and evaluation)
Bibliographical Sources-Bibliographies, Union Catalogues, Indexing and Abstracting Journals
(salient features and evaluation)

E-documents, E-books, E-Journals

Database-Bibliographic, Numeric and Full text-Evaluation

Unit—IV

Reference and Information services, Referral Service

Bibliographic Service, Indexing and Abstracting Service, CAS, SDI, Digest Service, Trend
Report

Online Services

Translation Services

Reprographic Services

Unit—V

Organisation of knowledge/information

Modes of formation of subjects

Library Classification-Canons and Principles

Library Classification Schemes-DDC, UDC and CC

Library Cataloguing-Canons and Principles

Library Cataloguing Codes-CCC and AACR-II

Bibliographic Records-International standards-ISBDs, MARC and CCF

Indexing-Pre-coordinate, Post-coordinate

Vocabulary Control-Thesaurus, Lists of Subject Headings

Databases-Search Strategies, Boolean Operators

Knowledge Management

Unit—VI

Management-Principles, Functions, Schools of Thought

Planning, Organisation Structure

Decision making

System Study-Analysis, Evaluation and Design

Collection Development-Books, Serials, Non-book Materials-Selection, Acquisition, Maintenance; ISBN, ISSN Cataloguing-in-Publication (CIP)

Human Resources Management-Manpower Planning, Job analysis, Job description, Selection, Recruitment, Motivation training and Development, Staff manual, Leadership and Performance Evaluation

Delegation of authority

Financial management-Resource Generation, Types of Budgeting, Cost and Cost-Benefit analysis

PERT, CPM

Library Buildings and Equipments

Performance Evaluation of Libraries/Information Centres and Services

Marketing Information product and services

Total Quality Management (TQM)

Unit—VII

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 Service, Teletext, Videotex, Voice Mail

Networking-Concepts, Topologies, Types-LAN, MAN and WAN

Hypertext, Hypermedia, Multimedia

Integrated Services Digital Network (ISDN), Open Systems Interconnection (OSI)

Unit—VIII

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, Search Engines Meta-Data, Digital Object

Identifier (DOI)

National and International Information Systems-NISSAT, NASSDOC, INSDOC, DESIDOC, INIS, AGRIS, MEDLARS, INSPEC

Unit—IX

Types of Research-Basic, Applied, Interdisciplinary

Research Design

Scientific Method, Hypotheses, Data Collection, Sampling

Methods of Research-Historical, Descriptive, Case Study, Survey, Comparative and Experimental

Statistical Methods, Data Analysis

Report Writing

Research Methods in Library and Information Science and Services

Bibliometrics

Unit—X

Types of Libraries-National, Public, Academic and Special Objectives, Structure and Functions

Digital Libraries-Concept

Virtual Libraries-Concept

Types of users, User 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 Ram mohan Roy Library Foundation (RRLF)