

SARVAJANIK UNIVERSITY SURAT



SARVAJANIK
UNIVERSITY

INCLUSIVE | INTEGRATED | INNOVATIVE

Faculty of Humanities

[Applicable for Academic Session 2025-26]
[As per CBCS guidelines given by UGC]

**Entrance Test Syllabus: Ph. D. in Library
And Information Science**

Module No.	Topics Covered
1	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 National Level
2.	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
3	Sources of Information – Primary, Secondary and Tertiary – Documentary and Non Documentary
	Reference Sources – Encyclopedias, Dictionaries, Geographical Sources, Biographical Sources, Year Books/Almanacs, Directories and Handbooks
	Bibliographical Sources – Bibliographies, Union Catalogues, Indexing and Abstracting Journals
	E- Documents, E – Books, E- Journals
	Databases- Bibliographic, Numeric and Full Text – Evaluation
4	Reference and Information Services, Referral Service
	Bibliographic Services, Indexing and Abstracting Services, CAS, SDI, Digest Service, Trend Report
	Online Services
	Translation Services, Reprographic Services
5	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

6	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 – Resources Generation, Types of Budgeting, Cost and Cost- Benefit Analysis
	PERT, CPM
	Library Buildings and Equipment
	Performance Evaluation of Libraries/Information Centres and Services
	Marketing Information Product and Services
	Total Quality Management (TQM)
7	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, Videotext, Voice Mail
	Networking – Concepts, Topologies, Types- LAN,MAN and WAN
	Hypertext, Hypermedia, Multimedia
	Integrated Services Digital Network (ISDN), Open Systems Interconnection (OSI)
8	Library Automation – Areas of Automation, Planning, Hardware and Software Selection, OPAC
	Networks – ERNET, 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
9	Types of Research – Basic, Applied, Interdisciplinary
	Research Design
	Scientific Method, Hypothesis, 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
10	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 Rammohan Roy Library Foundation (RRLF)