UGC-NET/JRF/SET
LIBRARY AND INFORMATION SCIENCE
(PAPER-II & III)

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Paper-II and Paper-III (Part A & B)

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).

Unit–IV

Bibliographical Sources—Bibliographies, Union Catalogues, Indexing and Abstracting Journals (salient features and evaluation).
E-documents, E-books, E-Journals.
Databases—Bibliographic, Numeric and Full text—Evaluation.

Unit–V

Reference and Information services, Referral Service.
Online Services.
Translation Services.
Reprographic Services.

Unit–VI

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.
Delegation of authority.
PERT, CPM.
Library Buildings and Equipments.
Marketing Information product and services.
Total Quality Management (TQM).

Unit–VII

Information Technology—Components; Impact of IT on Society.
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 Rammohan Roy Library Foundation (RRLF).
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