

LIBRARY SCIENCE

SYLLABUS

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
Library and Information Policy at the National Level

Unit-II

Laws of Library Science
Library Resource Sharing and Networking
Library Legislation in India
Library Extension Services
Library and Information Profession

Unit-III

Sources of Information—Primary, Secondary and Tertiary—Docimtentaiy 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
Databases—Bibliographic, Numeric/ and Fulltext—Evaluation

Unit-IV

Organisation of knowledge/information
Modes of formation of subjects
Library Classification—Canons and Principles
library Classification Schemes—DDC. UDG 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

Unit-V

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

Unit-VI

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

Unit-VII

Library Automation—Areas of automation. Planning, Hardware and Software Selection, OPAC
Networks—ERNET, NICNET; DELNET. JANET. BLAISE, OCLC. INFLIBNET

Unit-VIII

Types of Libraries—National, Public, Academic and Special
Objectives, Structure and Functions
Digital Libraries—Concept
Virtual Libraries—Concept

