

LIBRARY INFORMATION SCIENCE

Unit I Intellectual Property Rights-Concept, Copyright, Censorship-Print and Non-print Media. Library and Information Policy at the National Level LIS Education in India LIS Profession Library & Information services Role of UGC in the growth and development of libraries and information centers in institutions of higher education in India Information Literacy. Information science and Society, Information as resource commodity, Information transfer cycle, Role of information in planning, management, socio-economic development and technology transfer, Communication channels and barriers

Unit II Vocabulary Control-Thesaurus, Lists of Subject Headings Databases-Search Strategies, Boolean Operators Knowledge Management Information Processing & Organization Current trends in Information Storage & Retrieval

Unit III Financial management-Resource Generation, Cost-Benefit analysis PERT, CPM Performance Evaluation of Libraries/Information Centres and Services Marketing of Information product and services Total Quality Management (TQM) New Techniques in Library Management. Management : Principles, Functions, organizational structure, decision making. Collection Development – Books, serials, non book materials-selection acquisition ISBN, ISSN. Human Resource Management, Types of Budgeting, Library buildings and equipments, marketing of information, products and services

Unit IV: Impact of IT on Library, Library Networking & Networks, Network Topologies Hypertext, Hypermedia, Multimedia Hypertext, Hypermedia, Multimedia Integrated Services Digital Network (ISDN), Open Systems Interconnection (OSI) Digital Library Virtual Library Electronic Documents Library Automation INTERNET Components, Services, Browsing-Web Browsers, Search Engines Meta-Data, Digital Object Identifier (DOI) Metadata, Institutional Repository; Open Source Software, Web 2.0 Current trends in IT, Library Automation, Networks-ERNET, NICNET, DELNET, OCLC, INFLIBNET, National and International Information system – NISSAT, NASSDOC, NISCAIR, INIS, AGRIS, DESIDOC, MEDLARS.Computers-Hardware, Software, storage devices.

Unit V: 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 VI : Five laws of library Science, Library movement and Library Legislation in India, Library Resource sharing and networking, Library extension services, Library associations in ILA,SLA,ALA, Role of international organizations

Unit VII : Modes of formation of subjects, Library classification, Library classification schemes, Library cataloging, Library cataloguing codes – CCC and AACR II, Bibliographic records- International standards, Indexing, Knowledge management

Unit VIII: Sources of Information, Reference sources-Encyclopedia, dictionaries, geographical sources, yearbooks, almanacs, directories and handbooks, statistical. E-documents, E-books, E-journals, Databases, References and Information services, referral service, CAS,SDI, Online services, Translation services, Reprographic services.

