

401.B. Health Science Library and Information Systems and Services

Maximum Marks: 100

Maximum Allotted Hours: 100 (Classroom Teaching: 68 + Assignment: 19 + Seminar: 3)

Each Unit Allotted Hours: 20 (Classroom Teaching: 13 + Assignment: 4 + Seminar: 3)

UNIT-I

- Health Information: Definition, Need, Purpose and Functions. Growth & Development of Medical Education and Research in India with Particular Reference to 19<sup>th</sup> and 20<sup>th</sup> centuries
- Genesis and Development of Health Science Libraries in India.
- National Medical Library of India.
- National Library of Medicine, USA.

UNIT-II

- Health information: Sources, Services, Products and Marketing.
- Collection development and Management: Periodicals, Conference literature, Grey Literature, Patents, Standards, Govt. Publication, Non-Book Materials: E-documents
- Health Science Information Systems: Concept, Need and Functions.

UNIT-III

- Health Sciences Database: IT for health sciences, IT in occupational Health Libraries and Information Centres.
- Role of MEDLARS, CD-ROM and WHO in Health Information
- Internet Searching: Panorama of the Information Available at the Nuclear Medicine Websites

UNIT-IV

- Resource Sharing and Networking: Need and Types of Networks; OCLC Databases.
- Information Services: CAS, SDI, Abstracting and Indexing, Computerized Services.

UNIT-V

Personnel Management: Nature, Size, Selection, Recruitment, Qualification, Training, Responsibilities and Duties.  
Health Sciences Library Ethics: Ethics for Online Intermediaries in Health Science Librarianship

## Recommended Books

1. Fiona and Kouhn (MC). Medical Librarianship.
2. Jaggi (OP). History of Science technology and Medicine in India-various Vels. Atma Ram and Sons, New delhi.
3. Janet (DOE). Medical Library Practice, Medical Library Association.
4. Juliette (Birnhack). Audio Visual Resources in a Hospital Medical Library.
5. Keys (Thomas E ). Applied Medical Library Practice. 1958. Charles C., Springfield.
6. Mona (Going). Hospital Libraries and work with the disabled. 1973. LA, London.
7. Park (JE). Text book of preventive and social medicine. 1986. Banarsidas Bhanot, Jaipur.
8. Rawat (PP) and Raina (Roshan). Health information in modern age. National Convention of Medical Libraries Association of India.1997. MLAI, Delhi.
9. Siddiqui (Md. Khalid). State of Unani Medicine in India.1995. Central Council for Research in Unani Medicine, New Delhi.