

**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE  
FACULTY OF SOCIAL SCIENCES  
A.M.U., Aligarh.**

**Syllabus for Ph.D. Admission Test 2022-23 onwards**

**Section- B**

Information: Characteristics, nature, value and use. Information Science, Information Society Information as Resource/ Commodity  
Information Transfer Cycle-Generation, Collection, Storage and Dissemination Role of information in Planning, Management, Socio-economic Development, Technology transfer Communication-Channels, barriers Knowledge Management  
Intellectual Property Rights - Concept, Copyright, Censorship-Print and Nonprint Media Library and Information Policy at the National Level

Laws of Library Science

Inter library cooperation and resources sharing, e-journal consortia Library movement and Library Legislation in India

Concept, nature and characteristics of different types of libraries: Academic, Public, Special and National

Types of users. User studies, User education Library Extension Services

Library and Information Science education in India Library and Information profession, Professional ethics

System Study - analysis, evaluation and design

Human Resources Management - Manpower Planning, Job Analysis, Job Description, Selection, Recruitment, Motivation, Training and Development,  
Staff Manual, leadership and performance evaluation

Financial management - Resource Generation, Types of Budgeting, Cost and Cost-Benefit analysis PLRT, CPM

Performance evaluation of Libraries/Information Centres and Services total Quality Management (TQM)

Library Buildings and equipments

Sources of Information - Primary, Secondary and Tertiary Documentary and Non-documentary

Reference and Information Services, Referral Service Bibliographic Service, Indexing and Abstracting Service CAS, SDI, digest Service, Trend Report, Online Services.

Repackaging and Consolidation: concept and procedures

Indexing - Pre-coordinate, Post-coordinate, Citation indexing Indexing languages  
Vocabulary Control - Thesaurus, Lists of Subject Headings Trends in Automatic Indexing  
Online Searching of Databases- Search Strategies, Boolean Operators

Information Technology - Components Impact of IT in Society Networking - Concepts,  
Library Networks - LRNLT, NICNHT; DEENET, JAN ITT, BLAISE, OCLC, INFLIBNET  
Multimedia: Elements and its application to libraries  
Open Source Software: concept and features. Library Automation  
Digital libraries: concept Software and Hardware for digital libraries.  
Institutional Repositories, Digital Archives  
Library Automation- Areas of automation, planning, hardware and Software selection, OPAC Internet  
and Intranet basic features and applications  
INTERNET - Components, Services, Browsing - Web Browsers, Search Engines features of Integrated  
Library Management Software Packages Internet Security  
Data ware housing, Data mining, Metadata, Digital Object Identifier (DOI)  
Tele-conferencing/Video-conferencing, Subject gateways  
Electronic Publishing: Electronic bulletins, E-journals, Institutional Repositories, Portals and Blogs.

Types of Research - Basic, Applied, Interdisciplinary, Multidisciplinary Research Design: concepts and  
types  
Methods of Research: Historical, Scientific, Descriptive, Case Study, Survey, Comparative I \* x peri m  
e n t a l, Delphi:  
Hypotheses, Data collection, Sampling techniques  
Research techniques and tools: Questionnaire, Interview, Observation.  
Statistical Methods, Data Analysis & Interpretation Report Writing  
Methods and Research evaluation  
Bibliometrics, Webometrics, Scicntometrics & Citation analysis