

# BABA MASTNATH UNIVERSITY

ASTHAL BOHAR, ROHTAK

Department of Library and Information Science

SCHEME OF EXAMINATION

MASTER OF LIBRARY & INFORMATION SCIENCE

([M.Lib.I.Sc.](#))

ONE YEAR PROGRAMME(Annual)

2022-23

Paper	Nomenclature	Total Marks (T+IA= Total)*
ML-01	INFORMATION COMMUNICATION AND SOCIETY	80+20=100
ML-02	MANAGEMENT OF LIBRARY AND INFORMATIONCENTRES	80+20=100
ML-03	INFORMATION SOURCES, SYSTEMS AND SERVICES	80+20=100
ML-04	INFORMATION PROCESSING AND RETRIEVAL	80+20=100
ML-05	FUNDAMENTALS OF INFORMATIONCOMMUNICATION TECHNOLOGIES	80+20=100
ML-06	INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS- THEORY	50+20=70
ML-06 (P)	INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS- PRACTICAL	30
ML-07	RESEARCH METHODOLOGY	80+20=100
ML-08	ACADEMIC LIBRARY SYSTEM	80+20=100

\* Theory + Internal Assessment= Total Marks

**MASTER OF LIBRARY AND INFORMATION SCIENCE ([M.LIB.I.SC.](#))**  
**INFORMATION, COMMUNICATION AND SOCIETY**  
**PAPER CODE: ML-01**

**Section 1 Information: Nature, Property and Scope**

- Unit 1: Data Information and Knowledge: Intellectual Assets
- Unit 2: Data: Definition, Types, Properties and Scope
- Unit 3 Information: Definition, Types, Nature, Properties and Scope
- Unit 4: Knowledge: Definition, Types, Nature, Properties and Scope

**Section 2: Information Generation and Communication**

- Unit 5: Information, Communication Process, Media and Diffusion
- Unit 6: Generation of Information: Modes and Forms
- Unit 7: Information Theory: Measure and Contents Evaluation
- Unit 8: Digital Information

**Section 3 Information and Society**

- Unit 9: Social Implications of Information
- Unit 10: Information as an Economic Resource
- Unit 11: Information Policies: National and International
- Unit 12 : Information Infrastructure - National and Global
- Unit 13: Information Society

**Section 4: Knowledge and Society**

- Unit 14: Knowledge Society
- Unit 15 Knowledge Management: Concept and Tools
- Unit 16 Knowledge Profession

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**MANAGEMENT OF LIBRARY AND INFORMATION CENTRES**  
**PAPER CODE: ML-02**

**Section I: Management Perspectives**

Unit 1: Concept and Schools of Management Thought

Unit 2: Management Functions

Unit 3: Total Quality Management

Unit 4: Change Management

**Section 2: System Analysis and Control**

Unit 5: Systems Approach

Unit 6: Work Flow and Organisations Routines

Unit 7: Monitoring and Control Techniques

Unit 8: Performance Measurement and Evaluation Techniques

**Section 3: Human Resource Management**

Unit 9: Organisational Behaviour

Unit 10: Managerial Quality and Leadership

Unit 11: Human Resource Planning and Development

**Section 4: Financial Management**

Unit 12: Budgeting and Types

Unit 13: Budgetary Control System

Unit 14: Costing Techniques

Unit 15: Cost Analysis

**Section 5: Marketing of Information Products and Services**

Unit 16: Information as a Marketable Commodity

Unit 17: Marketing: Approach and Techniques

Unit 18: E-Marketing

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**INFORMATION SOURCES, SYSTEMS AND SERVICES**  
**PAPER CODE: ML-03**

**Section 1: Information Institutions**

Unit I: Information Institutions: Evolution, Growth Function and Types

Unit 2: Information Centres: Types and their Organisations

Unit 3: Data Centres and Referral Centres

Unit 4: Information Analysis and Consolidation Centres

**Section 2: Information Sources, Systems and Programmes**

Unit 5: Information Sources: Categorisation

Unit 6: Print and Non Print Sources

Unit 7: National Information Systems and Programmes

Unit 8: Global Information Systems

Unit 9: National and International Information Organisations

**Section 3: Information Products and Services**

Unit 10: Information Products Part-I

Unit 11: Information Products Part-II

Unit 12: Information Services Part-I

Unit 13: Information Services Part-II

**Section 4: Information Intermediaries**

Unit 14: Library and Information Professionals

Unit 15: Information Intermediaries

Unit 16: Database Designers and Managers

Unit 17: Database Intermediaries

Unit 18: Media Personnel

Unit 19: Intelligent Agents

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**INFORMATION PROCESSING AND RETRIEVAL**  
**PAPER CODE: ML-04**

**Section I : Organisation of Information**

Unit 1 : Intellectual Organisation of Information

Unit 2 : Indexing Languages Part-I -Concepts and Types

Unit 3 : Indexing Languages Part-II - Classification Systems

Unit 4 : Indexing Systems and Techniques

Unit 5 : Evaluation of IR Systems

**Section 2: Bibliographic Description**

Unit 6: Principles and Evaluation of Bibliographic Description

Unit 7: Rules for Bibliographic Description

Unit 8: Standards for Bibliographic Record Format

Unit 9: Metadata

**Section 3: Content Development**

Unit 10: Norms and Guidelines of Content Development

Unit 11: Introduction to HTML and XML

Unit 12: Web-based Content Development

Unit 13: Multilingual Content Development

**Section 4: Information Storage and Retrieval Systems**

Unit 14: ISAR Systems: Objectives and Types

Unit 15: Compatibility ISAR Systems

Unit 16: Intelligent IR Systems

**Section 5: Information Retrieval**

Unit 17: Information Retrieval - Process and Techniques

Unit 18: Information Retrieval-Models and their Applications

Unit 19: Search Strategy, Processes and Techniques

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**FUNDAMENTALS INFORMATION COMMUNICATION TECHNOLOGIES**  
**PAPER CODE: ML-05**

**Section I: Computer Technology**

Unit 1 : Architecture and Technology

Unit 2: Software

Unit 3: Programming

**Section 2: Communication Technology**

Unit 4: Fundamentals of Communication Technology

Unit 5: Networks and Networking

Unit 6: Data Networks

Unit 7: Convergence Technology and Applications

**Section 3: Media and Publishing Technology**

Unit 8: Print and Non-print Media

Unit 9: Publishing and Printing Technology

Unit 10: E-Publishing and Networking Publishing

Unit 11: Reprography and Micrography

**Section 4: Resource Sharing Networks**

Unit 12: Library and Information Networks

Unit 13: Bibliographic Utility Networks

Unit 14: Library and Information Networks in India

**MASTER OF LIBRARY AND INFORMATION SCIENCE ([M.LIB.I.SC.](#))**  
**INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS- THEORY**  
**PAPER CODE: ML-06**

**Section I: Database Design and Management**

Unit 1: Database: Concepts and Components

Unit 2: Database Structures, File Organisation and Physical Database Design

Unit 3: Database Management Systems

Unit 4: Database Searching

**Section 2: Library Automation**

Unit 5: House Keeping Operations

Unit 6: Software Packages- Their Features

Unit 7: Digitization (Concept, Need, Methods and Equipment)

**Section 3: Library and Information Services**

Unit 8: Alerting Services

Unit 9: Bibliographic Full Text Services

Unit 10: Document Delivery Services

Unit 11: Reference Services

**Section 4: Internet Resources and Services**

Unit 12: Basics of Internet

Unit 13: Use of Search Engines

Unit 14: Internet Services

Unit 15: Internet Information Resource

Unit 16: Evaluation of Internet Resource

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**INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS- PRACTICAL**  
**PAPER CODE: ML-06(P)**

- Practical:**
- i). Internet Searching- Open Source Data Bases
  - ii). Library Software- Winisis, SOUL and KOHA
  - iii). MS- Office : MS Excel, MS Front Page



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**RESEARCH METHODOLOGY**

**PAPER CODE: ML-07**

**Section 1 : Introducing to Research Methodology**

Unit 1: Meaning, Concept Need

Unit 2: Historical Research

Unit 3: Survey Research

Unit 4: Experimental Research

Unit 5: Fundamental and Applied Research

**Section 2: Tools for Research**

Unit 6: Measurement of Variables

Unit 7: Presentation of Data

Unit 8: Statistical Techniques

Unit 9: Statistical Packages

**Section 3: Research Methods**

Unit 10: Observation Method

Unit 11: Questionnaire Method

Unit 12: Interview Method

Unit 13: Experimental Method

Unit 14: Case Study

**Section 4: Research Process**

Unit 15: Designing a Research: Characteristics, Purpose

Unit 16: Research Plan

Unit 17: Analysis and Testing

Unit 18: Presentation of Results

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**ACADEMIC LIBRARY SYSTEM**

**PAPER CODE: ML-08**

**Section 1 : Development of Academic Libraries**

Unit 1: Academic Libraries: Objective and Functions

Unit 2: Role of UGC in Promoting Academic Libraries, College, University and other Institutions of Higher Learning

Unit 3: Library Governance

Unit 4: Academic Library Services

Unit 5: Financial Management of Academic Libraries

**Section 2: Collection Development**

Unit 6: Collection Development Policy, Weeding Policy

Unit 7: Problems in Collection Organisation in an Academic Library

Unit 8: Collection Development Programmes

Unit 9: Library Committees and their Role in Collection Development

**Section 3: Staffing Pattern and Staff Development for Academic Library**

Unit 10: Norms and Patterns for Staffing

Unit 11: Continuing Education Programmes

Unit-12: Personnel Management

**Section 4: Resource Sharing Programmes**

Unit 13: Resource Sharing Service – Its Objectives, Organisation and Development

Unit 14: INFLIBENT and its Implications to Library Resource Sharing

Unit 15: Library Network and Consortia

**Dr. Narender K. Chimni**  
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