# NEW SCHEME OF EXAMINATION

**MASTER OF LIBRARY & INFORMATION SCIENCE (M.Lib.I.Sc.)**

**ONE YEAR PROGRAMME (Annual)**

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Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

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
Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

Section 1 : 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
INFORMATION SOURCES, SYSTEMS AND SERVICES

PAPER CODE: ML1003

Marks: 100  Time: 3Hrs

Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

Section 1 : Information Institutions
   Unit 1 : 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
INFORMATION PROCESSING AND RETRIEVAL
PAPER CODE: ML1004

Marks: 100 Time: 3Hrs

Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

Section 1: 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
Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

Section 1: 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
Note: Examiner is required to set Nine questions in all. Question No. 1 will be compulsory which consists of 07 short-answer questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt five questions. In addition to question no. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 10 marks.

Section 1: 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
RESEARCH METHODOLOGY

PAPER CODE: ML1008

Marks: 100

Time: 3Hrs

Note: Examiner will be required to set Nine questions in all. Question no. 1 will be compulsory which consists of 12 short-answer type questions each of 2 marks covering the entire syllabus out of which candidate will be required to attempt ten questions. In addition to Q.No. 1, candidate will be required to attempt four more questions from the remaining eight questions each carrying 20 marks.

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
ACADEMIC LIBRARY SYSTEM

PAPER CODE: ML1009

Marks: 100

Time: 3Hrs

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Section 1: Development of Academic Libraries

Unit 1: Academic Libraries: Objectives and Functions
Unit 2: Role of UGC and Other Bodies in Promoting Libraries in Universities, Colleges 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 Out Policy
Unit 7: Problems in Collection Organisation
Unit 8: Collection Development Programmes

Section 3: Staffing Pattern and Staff Development for Academic Libraries

Unit 9: Norms and Patterns of Staffing
Unit 10: Continuing Education Programmes
Unit 11: Personnel Management

Section 4: Resource Sharing Programme

Unit 12: Resource Sharing: Need and Objectives
Unit 13: INFLIBNET
Unit 14: Library Networks and Consortia