

DIRECTORATE OF DISTANCE EDUCATION
MAHARSHI DAYANAND UNIVERSITY, ROHTAK



NEW SCHEME OF EXAMINATION

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

ONE YEAR PROGRAMME(Annual)

Paper	Nomenclature	Total Marks
ML1001	INFORMATION COMMUNICATION AND SOCIETY	100
ML1002	MANAGEMENT OF LIBRARY AND INFORMATION CENTRES	100
ML1003	INFORMATION SOURCES, SYSTEMS AND SERVICES	100
ML1004	INFORMATION PROCESSING AND RETRIEVAL	100
ML1005	FUNDAMENTALS OF INFORMATION COMMUNICATION TECHNOLOGIES	100
ML1006	INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS- THEORY	50
ML1007	INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS-PRACTICAL	50
ML1008	RESEARCH METHODOLOGY	100
ML1009	ACADEMIC LIBRARY SYSTEM	100

MASTER OF LIBRARY AND INFORMATION SCIENCE (M.LIB.I.SC.)

INFORMATION, COMMUNICATION AND SOCIETY

PAPER CODE: ML1001

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 : 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

MANAGEMENT OF LIBRARY AND INFORMATION CENTRES

PAPER CODE: ML1002

Marks: 100

Time: 3Hrs

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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

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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

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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

FUNDAMENTALS OF INFORMATION COMMUNICATION TECHNOLOGIES

PAPER CODE: ML1005

Marks: 100

Time: 3Hrs

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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

**INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS -
THEORY**

PAPER CODE: ML1006

Marks: 50

Time: 3Hrs

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

**INFORMATION AND COMMUNICATION TECHNOLOGIES APPLICATIONS
(PRACTICAL)**

PAPER CODE: ML1007

Practical: 50

- Practical :
- i) Internet Searching – Open source Data Bases
 - ii) Library Software – Winisis and SOUL
 - iii) MS- Office : MS Excel, MS Front page

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

Unit 15 : Designing a Research : Characteristics, Purpose

Unit 16 : Research Plan

Unit 17 : Analysis and Testing

Unit 18 : Presentation of Results

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