

Scheme of M.Lib. Inf. Sc.

There will be ^{Ten} ~~eight~~ papers Divided in part A & B. The part A will be studied in First Semester & Part B in second Semester. All papers are compulsory all the papers shall be of three hours duration. The marks & Credit allotted to the papers are shown in the table given below.

SNo.	Paper	Durat ion	Ext. Ex.	Int.E x.	Credi t
	1st Semester :A				

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1	Information and Communication	3	80	20	4+0
2	Information Analysis, repackaging and Consolidation	3	80	20	4+0
3	Information Retrieval	3	80	20	4+0
4	Research Methods and Statistical Technique	3	80	20	4+0
5	Information Technology :Applications (Theory)	3	80	30	4+0
	Total		400	100	20
	2nd Semester :B				
6	**Information Technology :Applications (Practice)	3	80	20	0+4
7	**Knowledge Organization & Information Processing Classification & Cataloguing ,Practice	3	80	20	0+4
8	Elective (any one) 1. Rural& community information system 2.Agricultural Library Information System 3.Industrial Library Information System	3	80	20	4+0
9	Dissertation/Project report		100 (60+ 40)		4

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10	VSR 2 nd Semester		100		2
	Total		440	60	18
	Total (A+B)		840	160	38

Total Credit of the course programme : 38

** Examination will be conducted by external and Internal Examiners duly appointed by Vishwavidyalaya.

MASTER OF LIBRARY AND INFORMATION SCIENCE (M.L. I. Sc.)

PAPER: FIRST

Paper: INFORMATION AND COMMUNICATION

Max. Marks : 100

Ext.Marks:80

Int. Marks: 20

UNIT: 1

INFORMATION AND COMMUNICATION

- Information ; characteristics, Nature, Value, and Use of Information
- Conceptual difference between Data ,Information and Knowledge
- Communication of Information : Information Generation
- Communication channels ,models and barriers
- Trends in scientific Communication

UNIT: 2

INFORMATION SCIENCE

Definition, scope and Objectives

Information Science as a discipline and its relationship with other Subjects

UNIT: 3

- Library Information and Society
- Genesis and characteristics and implications of Information Society
- Changing role of Library and Information Centers in Society
- Information Industry -Generators, Providers and Intermediaries

UNIT 4

- Intellectual Property act, Right to Information Acts
- Concept of freedom, Censorship, Data Security and fair Use
- Policies relating to Information, Right to Information Including Science and technology, Education
- International and National Programmes and Policies (NAPLIS) IT and Library UAP, UBC

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UNIT: 5

Knowledge Management

- Modes of Formation of Subjects ,
- Library Classification –Canons and Principles ,
- Library Classification Schemes -DDC,UDC, CC ,
- Library Cataloguing – Canons and Principles ,
- Library Cataloguing Codes –CCC and AACR-II

Paper: Second

Max. Marks 100

Ext.Marks:80

Internal Marks: 20

Paper: INFORMATION ANALYSIS, REPACKAGING AND CONSOLIDATION

UNIT: 1 Dissemination of Information

Dissemination of Information, Information transfer Technologies

Unit 2 : Information Products

Information Products, Design and Development of information Products, Marketing of Information

UNIT: 3 REPACKAGING AND CONSOLIDATION

Content analysis

Repackaging, formatting, consolidation

UNIT : 4 Abstracting

mts Abstracting : Types and Guidelines in preparing Abstract

5 **Search Strategies and evaluation**

Search Strategies, Evaluation of Information Retrieval Systems ,Trends in Information Retrieval ,Content creation & dissemination Including Electronic Content Creation

PAPER: THIRD

Paper: INFORMATION RETRIEVAL

Max. Marks 100

Ext.Marks:80

Inter. Marks: 20

UNIT: 1 Cataloguing & Subject Indexing

Cataloguing & Subject Indexing: Principles and Practices

Principles of Subject Cataloguing: Assigning Subject Headings, Library of Congress Subject Headings and Sears List of Subject Headings

Models –Assigning and Derived

UNIT: 2 Indexing Languages and Vocabulary Control

Pre & Post Coordinating Indexing Systems and Citation Indexing

Indexing Languages: Types and Characteristics

Unit3

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PAPER: Fifth

Paper: INFORMATION TECHNOLOGY: APPLICATION

Max.Marks:100

Ext.Marks:80 Internal Marks: 20

UNIT: 1 LIBRARY AUTOMATION

Planning and implementation and library automation ,Automation ,In House operation s- Acquisition ,Cataloguing ,Circulation Serial Control ,OPAC ,Library Management ,Multilingual Bibliographic Databases, Library Automation Software Packages: Their study and Composition

UNIT: 2 Communication Technologies

Fundamentals of Telecommunication Technology; Media, Mode and Components NETWORK, Media, UTP, Optical Fiber, Ethernet, Network Interface card, Hub, Routers modem

Unit 3

Network Types and Topologies LAN, MAN, WAN, BUS, Star, Ring, Token Ring, Local Area Network- Types and Topologies

UNIT: 4INTERNET Basic Features and Tools

Network base Information services, Connectivity: Dial up, Leased Lines, ISDN, Digital Subscriber lines E-Mail, SMTP, Wireless send mail, POP3CK, Protocols -FTP, HTTP, Web Browser; net scope, navigator, internet explorer, Web server, web tools, search Engines, INTERNET security, Teleconferencing, tele facsimile, teletex, Videotex

UNIT: 5 DIGITAL LIBRARIES

Genesis, Definition, Objectives, Scope of Digital Libraries, Image formats, Audio Formation , Storage Media Formats -180-9660-DVD , Software and Hardware for Digital Libraries , OCR, Image, Editing Software, Input capture devices, scanners, Digital, movies cameras, Data warehousing, Data Mining and Meta data.

PAPER: Sixth

Paper: INFORMATION TECHNOLOGY: APPLICATION (PRACTICE)

Max. Marks 100

Ext. Marks 80

Int. Marks: 20

UNIT: 1 Creation and maintenance of databases by SOUL and others

UNIT: 2 using of library software packages

UNIT: 3 CD-ROM, online searching, INTERNET Searching

UNIT: 4 Library and Information center web page design and creation

Unit 5 Web Searching and INTERNET

Paper : seventh

Paper: Knowledge Organization & Information Processing

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Part 1 Classification Practice

Max. Marks : 40

Duration 1.30 Hours

Classification of Documents by Colon Classification & Universal Decimal Classification

Part-2 Cataloguing Practice

Max. Marks : 40

Duration 1.30 Hours

Practical cataloguing is to be done by classified catalogue & Dictionary catalogue using the Classified catalogue code Ed 5th with amendments & AACR-2 with sears list of Subject Headings.

(Composite, Multivolume books & Complexities of Periodicals)

Elective (any one of the following)

PAPER: Eight

PAPER: RURAL AND COMMUNITY INFORMATION SYSTEMS

Max. Marks 100

Ext. Marks : 80

Int. Marks: 20

UNIT 1st Techniques of Library and Information Centers Survey

- Performa Method
- Interview Method
- Records analysis method

UNIT 2nd INFORMATION USERS AND THEIR INFORMATION NEEDS

Categories of information Users

- Information needs –definition and Models
- Information seeking behavior

UNIT 3rd : User Studies

- Methods and techniques of user studies
- Evaluation of user studies Practice

Unit 4th

- Collection Management ,Finance Manpower of Public Libraries
- Information Services and products in Public Libraries with special reference to India

Unit 5th

- Survey of Libraries and information centers
- Survey of users studies .

2.(Elective) Agricultural Library Information System

UNIT 1

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- Signature: *Yadav*, Date: *03/10/17*
- Signature: *Samu*, Date: *03/10/17*
- Signature: *ASL*, Date: *03/10/17*

Growth and development of agricultural education and research in India.

Role of a library in agricultural education research and extension.

Recent growth and development of agricultural libraries in India.

Special information needs of agricultural faculty, research staff extension personnel and stations.

UNIT 2

Specialized collection and Information sources.

Agricultural information centers- National & International.

Unit 3rd

Information Services and products in agricultural Science & Technology with special reference to India.

UNIT 4

General principles of Library and information management , library and information personnel ,finance ,collection development and library information services .

Unit 5

Information system and services , cooperation ,resource sharing and networking in agricultural libraries and information centers in India. International Database and System. Professional associations.

3. (Elective)Industrial Library and Information System

Unit 1.

The Industrial: Types and structure, Role of library information center : structure ,functions, services and products of different categories of industrial Libraries programmes at the local, national and global levels .

Unit2.

Organization and Management special classification and Indexing systems , Index and Indexing systems for retrieval, principles of classification in organization of information .Trade Literature ,Patents , Standards and technical reports, bulletins.

UNIT 3.

Systems approach to planning –objectives ; organizational structures ; function ;Problems interlinking ;environment ;preventive and corrective measures

Unit 4

Growth and development of information resources; information services ,personnel finance ,professional organizations; Chamber of commerce ,Industrial Houses.

UNIT 5:

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Application of management idea and techniques to industrial libraries and information centres. Networking and resource sharing: Evaluation of system and services .SENDOC . Information transfer and dissemination.

PAPER: Nine

PAPER: Dissertation / Project report.

Max. Marks 100

Ext.Marks:60

Viva voice Marks: 40

Paper Tenth : VSR

As prescribed by the Faculty /University

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