

M.L.I.Sc. Degree Examination, June/July 2010
LIBRARY AND INFORMATION SCIENCE
Paper – I : Foundations of Information Science

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(10×4=40)**

- 1) Define 'knowledge' and discuss in detail different types of knowledge.
- 2) What is an 'information society' ? Discuss important characteristics of information society.
- 3) What is market segmentation ? Explain different methods of market segmentation.
- 4) Discuss the symbiosis between information science and other disciplines.
- 5) Explain different methods of assessing information needs.
- 6) Discuss the important properties and characteristics of information.

II. Write short notes on **any four** of the following : **(5×4=20)**

- 7) Data and information.
- 8) Theories of information science.
- 9) Intellectual property rights.
- 10) 4 Ps of marketing.
- 11) Information use studies.
- 12) Information profession.

III. Write brief answers for the following :

(2×10=20)

- 13) Define 'Information Science'.
 - 14) What is 'Tacit Knowledge' ?
 - 15) What is 'Information Ethics' ?
 - 16) What is on-line marketing ?
 - 17) Differentiate between information 'need' and 'want'.
 - 18) What is 'cost-benefit' evaluation ?
 - 19) Define a 'user'.
 - 20) What is 'Customer Relationship Management (CRM)' ?
 - 21) What are stages in information life cycle ?
 - 22) What is meant by user studies ?
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M.L.I.Sc. Degree Examination, June/July 2010
LIBRARY AND INFORMATION SCIENCE
Paper – II : Organisation of Information Sources

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following :

(10×4=40)

- 1) Write a detailed note on physical median of information.
- 2) What are non-documentary sources ? Explain their importance.
- 3) What is USENET ? Explain how information is communicated through USENET.
- 4) Write an essay on 'Cataloguing of Internet resources'.
- 5) Discuss briefly the salient features of 'ISBD'.
- 6) State and explain the various problems in preservation of 'Electronic Resources'.

II. Write short notes on **any four** of the following :

(5×4=20)

- 7) MARC21.
- 8) Multimedia.
- 9) Subject Gateways.
- 10) Experts Databases.
- 11) Microforms.
- 12) Need for preservation.

P.T.O.

III. Write brief answers to the following :

(2×10=20)

- 13) What is Hypertext ?
 - 14) Define 'Optical Media'.
 - 15) What is Home page ?
 - 16) What is Website ?
 - 17) Expand URL.
 - 18) Mention any two Hazards to library materials preservation.
 - 19) Differentiate between 'preservation and conservation'.
 - 20) What is UNIMARC ?
 - 21) Define 'Archiveing'.
 - 22) Mention any two examples of 'Primary sources'.
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M.L.I.Sc. Degree Examination, June/July 2010
LIBRARY AND INFORMATION SCIENCE
Paper – III : Content Analysis, Organisation and Development

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(4×10=40)**

- 1) What do you mean by content ? Enumerate issues in content hosting ?
- 2) Discuss the need for and use of metadata.
- 3) Write a detailed note on various metadata formats.
- 4) Explain various recall devices.
- 5) What is SGML ? Explain the concept of DTD in it.
- 6) What is website ? Give a list of tags used in HTML.

II. Write short notes on **any four** of the following : **(4×5=20)**

- 7) Structure of HTML document.
- 8) XML.
- 9) Domain names.
- 10) Protocols.
- 11) Data mining.
- 12) Conceptual analysis.

P.T.O.

III. Write brief answers to the following :

(10×2=20)

- 13) What is content analysis ?
 - 14) What are boolean operators ?
 - 15) What is OPAC ?
 - 16) What are hyperlinks ?
 - 17) What is HTTP ?
 - 18) What are ports ?
 - 19) Differentiate client and server .
 - 20) What is an element ?
 - 21) What do you mean by data independence ?
 - 22) What is an attribute ?
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Paper – IV : Management of Information Resources

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(4×10=40)**

- 1) Define 'information resource management' and discuss its principles.
- 2) What is knowledge management ? Explain the need for knowledge management.
- 3) Critically examine the role of libraries and librarians in knowledge management.
- 4) What is human resource planning ? Discuss its need and importance.
- 5) Discuss the application of Planned Programme Budgeting System (PPBS) in public libraries.
- 6) Trace the historical development of IPR laws in India.

II. Write short note on **any four** of the following : **(4×5=20)**

- 7) Archival resources management.
- 8) Distinguish between information management and knowledge management.
- 9) Human resource management.
- 10) Types of leadership.
- 11) Systems analysis and design.
- 12) IT Act of India.

P.T.O.

III. Write brief answers to the following :

(10×2=20)

- 13) What is information management ?
 - 14) Define the term 'training'.
 - 15) What is motivation ?
 - 16) What do you mean by financial management ?
 - 17) What is systems analysis ?
 - 18) What is meant by work flow ?
 - 19) What is job analysis ?
 - 20) What is cyber law ?
 - 21) What is patent information ?
 - 22) What is IPR ?
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LIBRARY AND INFORMATION SCIENCE
Paper – V : Information Systems : Architecture and Retrieval

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(4×10=40)**

- 1) Explain the different components of information retrieval system.
- 2) Critically examine the characteristics of indexing language.
- 3) Explain the practical and strategic issues in digitization of library collections.
- 4) Write an account on probabilistic models of information retrieval.
- 5) Discuss the criteria for evaluation of IRS.
- 6) What are subject headings ? Explain the need and importance of subject headings in IR.

II. Write short notes on **any four** of the following : **(4×5=20)**

- 7) Boolean Logical Operators.
- 8) Vocabulary control.
- 9) Resource Discovery.
- 10) Plexus.
- 11) Digital Libraries.
- 12) Cognitive Models.

P.T.O.

III. Write brief answers to the following :

(10×2=20)

- 13) What is a search statement ?
 - 14) Name the Boolean Logical Operators.
 - 15) What is lateral searching ?
 - 16) What does POPSI stands for ?
 - 17) What is Empirical model ?
 - 18) Define retrieval effectiveness.
 - 19) What is truncation ?
 - 20) Define information retrieval.
 - 21) Name any two digital library initiatives in India.
 - 22) What is Thesaurofacet ?
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M.L.I.Sc. Degree Examination, June/July 2010
LIBRARY AND INFORMATION SCIENCE
Paper – VI : Research Methods in LIS

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following:

(4×10=40)

- 1) What is Research ? Discuss various types of Research.
- 2) Explain in detail the components of research design.
- 3) Examine the advantages and disadvantages of questionnaire method as a method as a method of data collection.
- 4) Discuss the latest trends in Library and Information Science Research in India.
- 5) Explain the role of statistical methods in the interpretation of collected data.
- 6) Define sampling and discuss different types of sampling techniques.

II. Write short notes on **any four** of the following ;

(4×5=20)

- 7) Social scientific research
- 8) Observation method
- 9) Characteristics of research.
- 10) Hypothesis
- 11) Significance of report writing in research
- 12) Scientometrics

P.T.O.

III. Write brief answers to the following :

(10×2=20)

- 13) What is research problem ?
 - 14) What is pilot study ?
 - 15) What do you mean by quantitative techniques ?
 - 16) What is informatics ?
 - 17) What is interview schedule ?
 - 18) Name any two criteria for evaluation of research report.
 - 19) State any two statistical package for statistical analysis.
 - 20) What do you mean by experimental research ?
 - 21) What is a variable ?
 - 22) Write any two style manuals.
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M.L.I.Sc. Degree Examination, June/July 2010
LIBRARY AND INFORMATION SCIENCE
Paper – VII : Applications of IT in Libraries and Information Centres
(Theory)

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(4×10=40)**

- 1) Explain the application of IT in library and information centres activities.
- 2) What is artificial intelligence ? Explain the major developments in AI.
- 3) Explain the functional subsystems of automated serials control system.
- 4) Discuss in detail the features of LIBSYS.
- 5) What is open source software ? Discuss the features of open source software.
- 6) What is networking ? Explain different types of networks.

II. Write short notes on **any four** of the following : **(4×5=20)**

- 7) Hypertext.
- 8) DBMS.
- 9) Database security.
- 10) Network Architecture.
- 11) SOUL.
- 12) Bibliographic information networks in India.

III. Write brief answers to the following : **(10×2=20)**

- 13) What is CD-ROM ?
- 14) What is interactive multimedia ?
- 15) What is barcoding ?

P.T.O.

- 16) Mention two benefits of SOUL.
 - 17) What is hypermedia ?
 - 18) Mention two components of DBMS.
 - 19) Expand RFID.
 - 20) What do you mean by SQL ?
 - 21) Expand INFLIBNET.
 - 22) What is expert system ?
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