M.L.I.Sc. Degree Examination, June 2013
LIBRARY AND INFORMATION SCIENCE
Paper – I : Foundations of Information Science

Time : 3 Hours

Max. Marks : 80

I. Answer any four of the following : (10x4=40)

1) Discuss the conceptual relationship between Data, Information, Knowledge, Wisdom and Understanding with the help of a diagram.

2) Explain with examples the structure, composition and growth of the subject of information science.

3) Trace the evolution of information Society as stated by Daniel Bell.

4) Define Library marketing. Explain 4 P’s of library marketing.

5) Trace the evolution of users studies by highlighting its land marks.

6) Briefly explain the method of research often used in Users Studies.

II. Write short notes on any four of the following : (5x4=20)

7) Library Promotional Tools

8) Nature of Information

9) Knowledge and its types

10) Geographic indicators

11) Paradigms of Information science

12) T.D. Wilson’s model of ISB.

III. Write brief answers to the following : (2x10=20)

13) What is post Industrial Society ?

14) What is Public relation ?

P.T.O.
15) What is consumer analysis?
16) List out the Categories of Academic Library users.
17) Differentiate between wants and requirements.
18) What is critical Incidental method?
19) What is Information seeking behavior?
20) What is Library Market Research?
21) What is Information Ethics?
22) Market Audit.
I. Answer any four of the following: 

1) Explain the various traditional Human sources of Information.
2) Write a detail note on Subject Gateways.
3) Discuss the standards and tools for organizing information resources.
4) What is CCF? Explain the structure of CCF.
5) Discuss the importance of internet resources.
6) What is archiving? Discuss the need and importance of archiving.

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

7) Microform
8) Hypertext
9) Annual reports
10) FAQ
11) ISBD
12) MARC-21.

III. Write brief answers to the following: 

13) What is homepage?
14) Expand UNIMARC.
15) What is USENET?
16) What is List servs?
17) What is tag?
18) What is company profile?
19) Name any two hazards of Library materials.
20) What is GMD?
21) Define multimedia.
22) What is optical media?
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Paper – III : Content Analysis, Organization and Development

Time : 3 Hours
Max. Marks : 80

I. Answer any four of the following : (4x10=40)

1) What is content development ? Describe the advantages and disadvantages of web-based contents.

2) Critically examine the key issues to be considered while hosting the contents on the web.

3) What is DTD ? Explain its structure.

4) Distinguish between well-formed and valid XML documents ? Explain the process of creating and editing an XML document.

5) Discuss structure of MARC 21.

6) What is content analysis ? Explain its steps.

II. Write short notes on any four of the following : (4x5=20)

7) Content creating tools.

8) Boolean operators.

9) Content formats.

10) Creation of ordered and unordered list in HTML.

11) XML.

12) Procedure for quantitative content analysis.
III.  Write brief answers to the following:  
(10×2=20)

13) List any two advantages of content analysis.

14) Enumerate any four parameters used for evaluating web documents.

15) What is relational analysis?

16) Write any two differences between metadata and traditional catalogue data.

17) Name any four recall devices.

18) What is a protocol?

19) What is an IP address?

20) What is CSS in XML?

21) Expand SGML.

22) List any four HTML tags along with their syntax.
I. Answer any four of the following: \((4\times10=40)\)

1) Explain the steps involved in Archival Resource Management.

2) What is knowledge management? Explain the features of knowledge management.

3) Discuss the problems in implementation of knowledge management in Academic Libraries.

4) Describe the procedure involved in the selection and recruitment of library staff.

5) Discuss in detail about components of IPR.

6) Define the concept of copyright law. Explain the features of Copyright Act in India.

II. Write short notes on any four of the following: \((4\times5=20)\)

7) Importance of knowledge management

8) Information management

9) Planning of HRM

10) Types of Budget

11) Monitoring Techniques

12) Importance of Patents.
III. Write brief answers to the following: (10x2=20)

13) What is job description?

14) Expand SWOT.

15) What is stock verification?

16) What is delegation of authority?

17) What is “Annual Report”?

18) What is Line-item budget?

19) What is Censorship?

20) What is Hacking?

21) Define system analysis.

22) State any two components of job analysis.
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LIBRARY AND INFORMATION SCIENCE

Time : 3 Hours
Max. Marks : 80

I. Answer any four of the following : (4x10=40)
   1) Write a detailed note on searching and search process.
   2) Establish the need for vocabulary control in information retrieval. Explain the structure of any one of the vocabulary control device that you have used.
   3) What is pre-coordinate indexing? Explain the role operators used in PRECIS.
   4) Distinguish between digital and physical libraries. Explain the architectural agents and tools for digital libraries.
   5) What is probability? Explain the probabilistic model for information retrieval.
   6) Explain the issues to be considered for evaluation of information retrieval systems.

II. Write short notes on any four of the following : (4x5=20)
   7) Boolean operators
   8) Characteristics of a good search statement
   9) Steps in construction of thesaurus
   10) Natural Vs. controlled vocabulary
   11) Hyper text and information retrieval
   12) Retrieval effectiveness.

III. Write brief answers to the following : (10x2=20)
   13) Enumerate any four functions of information retrieval systems.
   14) What is thesaurofacet?
   15) What is unicode?
   16) Differentiate scanning and OCRing.
   17) What is I^3R?
   18) Disadvantages of Boolean retrieval model.
   19) Write the formula for calculating precision in information retrieval.
   20) What do you mean by term frequency?
   21) Give two examples for vocabulary control tools.
   22) What is a vector?
M.L.I.Sc. Degree Examination, June 2013  
LIBRARY AND INFORMATION SCIENCE  
Paper – VI: Research Methods in LIS

Time: 3 Hours  
Max. Marks: 80

I. Answer any four of the following: (4x10=40)

1) What is Basic Research? Explain how historical method is useful in carrying out LIS research.

2) What is Scientometrics? Explain how it can be used in studying the structure of a subject and its conceptual growth.

3) What is graphical representation of data? Explain with the help of an example the uses of the graphs.

4) Differentiate between Quantitative research and Qualitative research. Explain the use of content analysis.

5) What is a scientific research model and explain its components.

6) What is survey research? Explain the merits and demerits of survey research.

II. Write short notes on any four of the following: (4x5=20)

7) Interpretation and Analysis of Data.

8) Delphi Method

9) Informetrics

10) Questionnaire method

11) Experimental research


III. Write brief answers to the following: (10x2=20)

13) What is Literature Review?

14) What is Classification of Data?
15) What is user study?
16) What is obtrusive observation method?
17) What is Case Study Method?
18) What is Variable?
19) Mention the measures of Central tendency.
20) What is Likert’s Scale?
21) What is APA style?
22) What is Interview Schedule?
M.L.I.Sc. Degree Examination, June 2013
Paper – 7: APPLICATION OF IT IN LIBRARIES AND INFORMATION CENTRES (Theory)

Time: 3 Hours

I. Answer any four of the following:

1) Discuss the significant landmarks of library automation since 1970.
2) Enumerate the functional subsystems of library automation.
3) Discuss the salient feature of NewGenlib.
4) Discuss in detail on historical development, features and importance of SQL.
5) Explain in detail the steps to be followed in the creation of database by using CDS/ISIS.
6) Briefly explain the objectives and services of INFLIBNET.

II. Answer any four of the following:

7) Retrospective conversion
8) Hypertext
9) Automated circulation system
10) Benchmarking of library automation systems
11) RDBMS
12) HELENET

III. Write brief answers to the following:

13) Define library automation
14) What is an expert system?
15) State the different versions of DVD.
16) What is a database?
17) What is database security?
18) What is ISO 2709?
19) What is OAI-PMH?
20) What is multiplexing?
21) What is a protocol?
22) Expand MyLIBNET and ADINET.
SECTION – A : UDC

I. Answer any five of the following

1. Elementary education
2. Hinduism
3. Handicrafts
4. Renovation of temples
5. Indian History
6. University Libraries
7. Gold coins

5x2 = 10

II. Answer any five of the following

1. Music and culture in Japan
2. Financial sources for elementary education
3. Dramatic works of Girish Karnad
4. Japanese in Karnataka
5. Death customs of Nepalis
6. Statistics for managers
7. Hindi as literary language

5x3 = 15

III. Answer any Three of the following

1. International federation of documentation
2. International relation between China and America during 2002
3. Translation of ‘Gruhambanga’ from Kannada to English.
4. Conference publication on Population Policy
5. Book selection in Italian college libraries

3x5 = 15
SECTION – B: MARC 21

I. Fill in the blanks with appropriate words. 10x1=10
1. The third area in AACR2R is ______________
2. The vocabulary control used in tag 650 is recorded in ______________ sub field.
3. IMT stands for ______________
4. the refinement for the element “DC.title” is ______________
5. The system details recorded in ______________ tag.
6. There are ______________ number of indicators in each tag of MARC21.
7. The maintaining agency of MARC21 is ______________
8. Qualified Dublin Core Metadata has ______________ elements
9. SLSH stands for ______________
10. In MARC21 collection tag is ______________

II. Catalogue the following resources according to MARC21 5 Marks

**Foundations of financial markets and institutions**

Frank J Fabozzi, Franco Modigliani
2nd Edition
Prentice Hall
N J Upper Saddle River
1998

**Other Information:**
DDC No: 332.1
Accession no.: 24562
ISBN: 0136860567
Pages: 651 Size:26 Cm
Note: Includes bibliographical references and Index

II. Catalogue the following document according to MARC 21 tags 10 Marks

**National Seminar on Privatization and Commercialization of Higher Education : May 2, 2006**
**edited by Ved Prakash, Sudhanshu Bhushan.**
**New Delhi : National Institute of Educational Planning and Administration, 2006.**

**Other Details:**

**Acc. No. 564**
Pages: 85 Size: 29 cm
Note: This volume contains illustrations, statistical tables, and bibliographical references.
Dublin core

Create a simple Dublin core record for the website given below - http://mhrd.gov.in/
M.L.I.Sc Examination July - 2013

COURSE – 9: APPLICATION OF IT IN LIBRARIES AND INFORMATION CENTRES (Practical)  

Max. Marks: 80

I. Fill in the blanks  

1. Koha Support _______RDBMS
2. Koha will Works under _______platform
3. RDA stands for___________
4. The tag 110 in MARC21 is used for__________
5. Collation details are entered in _________tag in Koha

HTML:  

20 Marks

1. Create a Website for your college library using HTML Tags. Website should contain logo of your college, courses offered by your college, Photographs of your college Library, Services offered by your college library, Library hours, Contact address, ask librarian and feedback.

WINISIS  

25 Marks

2. Create a database for below mentioned Documents in WINISIS. Write all the steps involved in creating Database.


KOHA  

30 Marks

1. Setup the parameters in Koha i.e. Library Modules, Membership, Currency.
2. Create 5 membership (2 students & 3 faculties) categories.
3. Issue a book to faculty member
4. Add following bibliographic records in catalogue module.
