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FACULTY OF SOCIAL SCIENCES

N YADIGIRI

MLISc First Spell Examination, Dec. - 2011

02315074206

Course - 01 : Information Communication and Society

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

SECTION - A

[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any four of the following.
- b) Each question carries 12½ marks.

1) Define Information. Discuss the characteristics of Information?

2006, 2008,

2) Write an account of models of Information?

2008.

3) Define communication. Discuss types of communication?

4) Write an account on non conventional media for information transfer?

2006.

5) Define knowledge? Discuss the characteristics of knowledge in detail.

2006

6) Discuss the spiral of scientific method in detail?

2011.

7) Write an account on agents of information transfer.

8) Define Information marketing. Discuss the concepts of Information marketing?

2011  
2006.

**SECTION - B**

[Marks : 10 × 2 = 20]

02310074206

dt. 7/12/2011

2:15 to 5:15 pm.

Instructions to the candidates :

- a) Write note on any ten of the following questions.
- b) Each question carries two marks.

1) Taxonomy of documents. - 2011 May

2) Modes of Information generation.

3) Obsolescence of Information. - 2011 May

4) Vintage model.

5) Entropy. - 2011 May

6) Verbal Communication.

7) Surrogate types.

8) Electronic media. - 2008

9) Types of Microforms. - 2006, 2011 May, 2008

10) Hypertext.

11) Optical Media. - 2011 May

12) Apperception.

13) Private knowledge. - 2006, 2011 May, 2008

14) Loose assemblage. - 2008-2006, 2011 May

15) Research design. - 2011 May

16) Information brokers.



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FACULTY OF SOCIAL SCIENCES N.YADAGIRI

MLISc First Spell Examination, Dec. - 2011

Course - 02 : Management of Information Systems and Centres

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

SECTION - A

[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any four of the following questions.
- b) Each question carries 12½ marks.

1) Give a detailed account on the application of Scientific Management in the management of LICs. -2010.

2) Define 'MBO' and describe the steps involved in applying MBO. -2010

3) Define 'Systems Analysis' and describe the various phases of Systems Analysis. 2008

4) Give a detailed account on the steps involved in planning MIS.

5) Explain the various methods & types of acquisition of books & journals in a University Library. -2010

6) What are the steps involved in formulation of a budget? -2011 Dec, 2006

7) What is 'Job Analysis'? Describe job description and job specification.

8) What is communication? Explain the various channels of communication. 2008

**SECTION - B**

**[Marks : 10 × 2 = 20]**

**Instructions to the candidates :**

- a) Write short notes on any ten of the following questions.
- b) Each question carries two marks.

~~1)~~ Librarian as manager.

2) Matrix organizational structure.

3) Line organization.

~~4)~~ Leadership.

5) Total Information Flow.

6) ASLIB survey.

7) Elements of MIS.

~~8)~~ Principles of TQM.

~~9)~~ Weeding of documents.

~~10)~~ Digitization.

~~11)~~ ZBB.

~~12)~~ Cost analysis.

~~13)~~ Motivation.

14) Components of HR planning.

15) Steps in selection procedure.

~~16)~~ Performance appraisal.



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FACULTY OF SOCIAL SCIENCES N. YADAGIRI

MLISc First Spell Examination, Dec. - 2011

Course - 03 : Information Processing and Retrieval

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

**SECTION - A**

[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any Four of the following questions.
- b) Each question carries 12½ marks.

- 1) Explain in brief the developments in MARC formats from LC-MARC to MARC - 21.
- 2) Why UDC is called as a Universal Classification Scheme? Explain its structure and features. 2008, 2010,
- 3) What do you mean by Pre-coordinate Indexing System? Explain the procedure of deriving subject index entries using PRECIS. 2008, 2010, 2006
- 4) Define Automatic Indexing and explain the different methods of Automatic Indexing. 2008, 2010, 2009,
- 5) Explain the methods of construction of Thesaurus. 2006, 2010,
- 6) What are the different types of Information Storage and Retrieval systems (ISAR). Explain. 2006, 2010, 2009,
- 7) What do you mean by Search Strategy? Explain the different Search techniques used in database searches.
- 8) State the purpose and advantages of Z39.50 and explain the process of working of Z39.50. 2006, 2010,

P.T.O.

**SECTION - B**

**[Marks : 10 × 2 = 20]**

**Instructions to the candidates :**

- a) Write short notes on any ten of the following questions.
- b) Each question carries 2 marks.

- ~~1)~~ Contents - by - Journal.
- ~~2)~~ House Bulletins.
- ~~3)~~ LAN:
- ~~4)~~ Free Text Search.
- 5) INFOTERRA.
- ~~6)~~ ILA.
- 7) MEDLINE.
- ~~8)~~ World Cat.
- ~~9)~~ BLDSC.
- 10) Literature Search Services.
- ~~11)~~ NISCAIR.
- 12) CORD.
- ~~13)~~ DESIDOC.
- ~~14)~~ Educational Resources Information Centre (ERIC)
- 15) SIS.
- 16) ISKO.

Total No. of Pages : 2]

Code No. 715/MLISc/A/2011

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## FACULTY OF SOCIAL SCIENCES

N. YADAGIRI

MLISc First Spell Examination, Dec. - 2011

Course - 05 : Application of Information Technology

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

SECTION - A[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any four of the following questions.  
b) Each question carries 12½ marks.

- 1) Discuss the impact of information Technology on libraries and information centres.
- 2) What are the essential features of Acquisition module of an integrated library software.
- 3) Explain the features of an Automated Circulation System. <sup>Nov</sup> - 2011, 2006, 2008
- 4) What is a Database? Describe various steps involved in design and development of a database for libraries. 2006
- 5) Explain various methods used in Data base searching. 2009
- 6) What is a Computer Network? Describe the features of different network types. 2006
- 7) What is a Metropolitan Library Network? Describe the activities and services of DELNET?
- 8) What do you understand by "Digital Library"? Discuss its characteristics and advantages. 2008, 2006

P.T.O.

**SECTION - B**

**[Marks : 10 × 2 = 20]**

**Instructions to the candidates :**

- a) Write short notes on any ten of the following questions.
- b) Each question carries two marks.

~~9)~~ RFID.

10) Multifunctional Units.

~~11)~~ Voice mail.

~~12)~~ Boolean logic.

~~13)~~ Intranet.

~~14)~~ Web OPAC.

15) Batch Processing.

~~16)~~ Input Devices.

17) SPAM.

~~18)~~ Tablet PC.

19) OCR software.

~~20)~~ Online databases.

~~21)~~ User interface.

~~22)~~ Ring Topology.

23) ISDN.

24) DC metadata elements.

25) IPR



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FACULTY OF SOCIAL SCIENCES N.YADAGIR

MLISc First Spell Examination, Dec. - 2011

Course - 07(D) : Digital Libraries

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

SECTION - A

[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any four of the following questions.
- b) Each question carries 12½ marks.

1) What is a Digital Library? Trace the major digital library initiatives in India and describe them.

2) What do you understand by Digital data formats? Describe the major text and image formats.

3) What is Metadata? Describe various types and categories of metadata.

4) What are Resource Discovery Tools? Write in detail any two major Resource Discovery tools.

5) Define Institutional Repositories and describe their attributes/Characteristics.

6) Describe various techniques of information search process.

7) Define Digital Preservation. Describe various strategies used for Digital Preservation.

8) What are DRM technologies and explain their application in Digital Libraries.

P.T.O.

**SECTION - B**

**[Marks : 10 × 2 = 20]**

**Instructions to the candidates :**

- a) Write short notes on any ten of the following questions.
- b) Each question carries 2 marks.

- ~~1)~~ Dublincore. ✓
- 2) Semantic Web.
- ~~3)~~ Copyright. ✓
- 4) UDL Project.
- ~~5)~~ Z39.50.
- ~~6)~~ ETD.
- ~~7)~~ Optical Storage Media.
- ~~8)~~ GNU Public Licence.
- ~~9)~~ UNICODE.
- 10) Thesauri.
- ~~11)~~ OAI-PMH.
- 12) Web Portals.
- ~~13)~~ Meta Search engines.
- ~~14)~~ Internet Archive.
- 15) Creative commons.
- 16) Digital natives.

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FACULTY OF SOCIAL SCIENCES

N.YADAGIRI

MLISc First Spell Examination, Dec. - 2011

Course - 06 : Research Methodology

Time : 3 Hours]

[Max. Marks : 70

[Min. Marks : 28

SECTION - A

[Marks :  $4 \times 12\frac{1}{2} = 50$ ]

Instructions to the candidates :

- a) Answer any four of the following questions.
- b) Each question carries 12½ marks.

- 1) Define research. Explain the need for research. Discuss the objectives and functions of research.
- 2) What is meant by research design? Describe in brief the steps in preparing a research design.
- 3) What is a case study? What are the characteristics of the case study method? Discuss its advantages and disadvantages.
- 4) What is meant by Evaluation research? What are the steps in evaluation research process? Describe the various types of evaluation.
- 5) What is a questionnaire? What are its advantages and disadvantages? Enumerate the factors that are to be considered while designing the questionnaire.
- 6) What is meant by central tendency? Describe the various measures of central tendency.
- 7) Explain the purpose of writing research report. Describe the composition of a research report.
- 8) Define bibliometrics. Explain Bradford's Law of scattering, Zipf's Law and Lotka's Law.

**Instructions to the candidates :**

- a) Write short notes on any ten of the following questions.
- b) Each question carries two marks.

- 1) Types of Social research.
- 2) Sources of research problem.
- 3) Invisible college.
- 4) Null hypothesis.
- 5) Non-Participant observation.
- 6) Content analysis.
- 7) Sociogram.
- 8) Simple random sampling.
- 9) Sampling frame.
- 10) Standard deviation.
- 11) Data Coding.
- 12) SPSS.
- 13) Scientometrics.
- 14) Areas of LIS research.
- 15) Science citation Index.
- 16) Pie Chart.

## FACULTY OF SOCIAL SCIENCES

MLISc Examination, November 2011

Subject: Library Science

## Paper VIII: Information Technology – Practicals

Total Time: 3 Hours

Total Max. Marks: 100

Min. Pass marks: 40

PART – A  
(Written Part)

Time: 1 hour

Max. Marks: 40

Note: Answer any **EIGHT** of the following short note questions  
Each question carries **FIVE** marks

- ① What is the use of DIR command? What are different options used with DIR?
- ② Name any four products of Microsoft and mention the major uses of each product.
- 3) Name any five font types available in MS-Word.
- ④ What is Mailmerge? Explain its merits and limitations.
- ⑤ What are major types of Printers? Describe their characteristics.
- ⑥ What is Web Browser? Explain its purpose.
- ⑦ What is an e-journal? Mention its advantages over print journals.
- 8) List out various main menu options of CDS/ISIS.
- ⑨ What are Boolean Operators? Explain their use in information searching.
- ⑩ What is Wi-Fi? Discuss its advantages and limitations.
- ⑪ What is HTML? Discuss its purpose.
- 12) What is an ISP? Discuss its purpose and give examples.

PART – B  
(Practical Part)

Time: 2 hours

Max. Marks: 60

- Note: i) Answer any **4 (FOUR)** of the following questions. Q6 is Compulsory  
ii) Each question carries **15 (FIFTEEN)** marks  
iii) Demonstrate/ Show your answer on the computer screen to the Examiner  
iv) Create a folder on your desktop with your admission number as folder name.  
Save your answer into it with respective question numbers as independent files  
v) When you are attempting Question No.6, use the last four digits of your admission number as database name and leave the database files in the ISIS folder itself.

1. Department of Library and Information Science, Dr B R Ambedkar Open University, Hyderabad is planning to organize a national conference on "Internet Applications to Library and Information Services". Prepare an Invitation for Inaugural Function on 5<sup>th</sup> December 2011. Indicate the name of President (BRAOU VC), Chief Guest (UGC Chairman) and other speakers, venue, timings and dates of the function. Try to make it more attractive using all the facilities of MS-Powerpoint.

2. As a Librarian send a common letter to five furniture and equipment suppliers: (i) Office Tech Systems, Bangalore; ii) Vinar Systems, Hyderabad; iii) Mehra & Co., New Delhi; and iv) Systems & Systems, Hyderabad) and request them to send the details of availability of library furniture, discount, mode of payment, expected period of supply etc. Provide your address with email ID for contact. Use Mail merge option in MS-WORD.

3. A College Library was sanctioned an amount of Rs.7.5 lakhs towards annual budget for the year 2011-12. Using the formula 30:50:15:5 for books, journals, non-book materials and stationery & miscellaneous allocate the budget to various heads. Prepare a statement in MS-Excel and draw bar/pie diagram.

4. Write a search strategy for finding the article on following topics from the CDS/ISIS sample database available on your system. Save results in your folder on Desktop.  
i) Soils in Indonesia or Brazil                      ii) Education (NOT Higher Education)

5. Using IndCat (book database) of INFLIBNET (<http://indcat.inflibnet.ac.in>) and identify the university libraries where book entitled, "Message of the Upanishads/Swami Ranganathananda" is available. Save them as a text file in your folder on the Desktop.

6. Using CDS/ISIS (either DOS or Windows version available on the System) design a database with the fields: Author(s), Title, Journal Volume/Issue No., Year. Enter the following data. Demonstrate the output by browsing the master file.

- Elizabeth Jones: "Developing a library toolbar". *Library Hi Tech News* 25(9); 2008
- Mohd Daud Norzaidi and Mohamed Intan Salwani: "Evaluating technology resistance and technology satisfaction on students' performance". *Campus-wide Information systems*, 26(4); 2009
- Noor Azizi Ismail: "Activity-based management system implementation in higher education institution: Benefits and challenges". *Campus-wide Information systems*, 26(1); 2009
- Z. David Xia: "Marketing library services through face book groups". *Library Management* 30(6); 2009
- Andreas Vartheim: "Public libraries: Places creating social capital?" *Library Hi Tech* 27(3); 2009
- Tom Steele: "The new cooperative cataloguing" *Library Hi Tech* 27(1); 2009
- Steven Buchanan and A deola Salako: "Evaluating the usability and usefulness of digital library" *Library Review* 58 (9); 2009
- Christine Rooney-Browne: "Rising to the challenge: a look at the role of public libraries in times of recession" *Library Review* 58 (5); 2009