MLIS-1(PT/13/I)

POST-GRADUATE COURSE

Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

(For Enrolled July 2012 Batch)

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-I : Information, Communication and Society

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions : $18 \times 2 = 36$

1. What is information ? What different factors are responsible for the evolution of information science as a discipline ? 6 + 12

2. What do you understand by 'communication' and 'communication model' ? Discuss the significance of any three communication models. 3 + 3 + 12

3. How knowledge differs from data and information ? Delineate the idea of Machlup's classification of knowledge. 4 + 14

4. What is knowledge management ? Discuss the importance of knowledge management in an organisation. 4 + 14

GROUP – B

Answer any *three* of the following questions : 12 × 3 = 36

5. Write a note on the Indian Copyright Act.

6. Show your acquaintance with transborder data flow.

7. Discuss the social impact of information technology in the flow of information.

8. Illustrate the economic characteristics of information.

9. What do you understand by the entropy function of information and the redundancy function of information ?

10. Discuss the role of librarian in the modern age of information society.

GROUP – C

Answer any *four* of the following questions : 7 × 4 = 28

11. Differentiate data in terms of scale of measurement.

12. Discuss noise in the process of communication.

13. What different services are rendered in Libraries and Information Centres ?

14. Write a short note on semantic theory of information.

15. Discuss Bradford's law in brief.

16. What are the different forms of Intellectual Property Rights ?

17. Discuss sociology of knowledge.

18. Discuss the pricing of information product.

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Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-II : Information Sources, Systems and Services

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. Describe the features of each of non-print media in context of storage, retrieval and dissemination of information. 18

2. Define social sciences. Discuss about two social science organisations in India. 4 + 7 + 7

3. What do you understand by content analysis ? Describe briefly about the quantitative content analysis. Mention the major areas of content analysis in LIS. 3 + 10 + 5

4. What are the functions of information intermediaries ? Discuss briefly about the information intermediaries in Science and Technology. 4 + 14

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. What are the types of print media ? Envisage the future of print media in long run. 3 + 9

6. Discuss the role of any two Science and Technology Departments in India in context of information systems and sources. 6 + 6

7. Describe the functions of two important Global Information Systems. 6 + 6

8. What do you understand by citation analysis ? Describe any two cito-analytical products, known internationally. 3 + 5 + 4

9. Categorise Library and Information personnel. Discuss about different types of information generated, processed and disseminated by these people. 4 + 8

10. What do you understand by customized organisation of information ? Describe different information sources to satisfy different approaches of information needs. 4 + 8

GROUP – C

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

7 × 4 = 28

11. AGRIS.

12. Lalitkala Academy.

13. Chemical abstracts.

14. Half-life.

15. Indian Council of Philosophical Research.

16. APINESS.

17. MEDLARS.

18. INFLIBNET.

POST-GRADUATE COURSE

Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

(For Enrolled July 2012 Batch)

MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-III : Information Processing and Retrieval

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

$18 \times 2 = 36$

1. Illustrate why and how recorded information is to be organised. 6 + 12

2. What do you understand by 'indexing system' ? Explain any pre-coordinate indexing system with suitable examples. 6 + 12

3. What is metadata ? How do you categorize it ? Describe RDF. 3 + 6 + 9

4. What is thesaurus ? Explain how vocabulary is controlled in a thesaurus. Discuss the steps of constructing a thesaurus. 3 + 5 + 10

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. Discuss the changes incorporated in the DDC 22nd edition. 12

6. Discuss the salient features of TEST. 12

7. What do you understand by syntax and semantics ? Explain semantic relations in a thesaurus. 4 + 8

8. Describe how vector space model works in information retrieval process. 12

9. Discuss with examples how physical descriptions of non-print materials may be made according to AACR 2R. 12

10. Discuss the role of TREC in evaluating IR systems. 12

GROUP – C

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

7 × 4 = 28

11. Common isolates in CC7.

12. Basic facet pattern of BSO.

13. Importance of special classification scheme.

14. Features of CCF.

15. Post-coordinate indexing.

16. Syndetic devices.

17. Automated indexing.

18. Recall and precision factors.

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Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-IV : Information Institutions, Products and Services

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. Define 'information centre'. Why is it important ? Discuss various types of information centre.

3 + 5 + 10

2. What is translation service ? What are its advantages ? Discuss various types of translation services. 3 + 5 + 10

3. What is meant by 'information consolidation' ? Discuss various steps in the preparation of information products. 4 + 14

4. What is 'Document Delivery service' ? Discuss its various categories. 4 + 14

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. What is meant by technical report ? Discuss its various types. 3 + 9

6. What is 'database' ? Discuss various types of databases. 3 + 9

7. Why database intermediaries are important during searching a database ?

State its role as :

a) Searcher

b) Editor. 4 + 4 + 4

8. Discuss various types of 'trade catalogues'. 12

9. What is a 'House Journal' ? Discuss with examples 'External House Journal' 4 + 8

10. State your idea on 'review of progress'. Discuss various types of review publications. 4 + 8

GROUP – C

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

7 × 4 = 28

11. Clearing House.

12. Types of Data.

13. Functions of IAC Centres.

14. RLIN.

15. Topical review.

16. Information Filters.

17. CODATA.

18. Invisible college.

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Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-V : Management of Library and Information Centres

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

$18 \times 2 = 36$

1. What are the objectives of library management ? Discuss the management principles of H. Fayol.

4 + 14

2. Define Human Resource Management. Explains the different activities of Human Resource Management. 4 + 14

3. What is meant by 'Library Budget' ? Describe the different methods of budget preparation. 4 + 14

4. Discuss the need and importance of collection management in libraries. 18

GROUP – B

Answer any *three* of the following questions :

$12 \times 3 = 36$

5. Elaborate the principles of scientific management and discuss its limitations.

6. Define POSDCORB and explain each function with suitable examples.

7. Define delegation of authority and discuss the responsibilities of various level of library staff in a hierarchical structure.

8. State the importance of Planning in library management. Discuss the characteristics of different kinds of Planning.

9. Discuss the administrative records as maintained in a library.

10. Give substantial points to prove library as a non-profit organisation.

GROUP – C

Answer any *four* of the following : $7 \times 4 = 28$

11. Differentiate between Manager and Leader.

12. Library rules and regulations.

13. Compilation of library statistics.

14. Induction and orientation.

15. Sources of library finance.

16. Quality circles.

17. Time and Motion study.

18. Digital library.

POST-GRADUATE COURSE

Term End Examination – Dec., 2012 (For Enrolled Before July 2012 Batch)/June, 2013

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VI : Information Technology : Applications

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

$18 \times 2 = 36$

1. Discuss the benefits and barriers to library automation with special reference to Indian conditions. 18

2. What are the sub-systems of a computer-based acquisition control system and their functions ? — Discuss. 18

3. What is meant by data modeling ? Discuss how hierarchical data model organizes data. What are the advantages and disadvantages of network data model ? 18

4. What is meant by flowchart ? Why is it needed in computer programming ? Discuss different types of flowcharts with suitable diagrammatic examples. 4 + 2 + 12

GROUP – B

Answer any *three* of the following questions : 12 × 3 = 36

5. What is meant by algorithm ? How do you classify high level language ? 5 + 7

6. What is meant by bibliographic database system ? — Discuss. 12

7. Show the role of the different components of a CDS/ISIS database illustrating with appropriate figures. 12

8. What are the types of database organizations ? — Discuss. 12

9. What are the basic features of programming language ? — Discuss. 12

10. What is meant by switching techniques ? Discuss various types of switching techniques. 4 + 8

GROUP – C

Answer any *four* of the following : 7 × 4 = 28

11. Discuss the benefits of resource sharing. 7

12. What is meant by character coding and encoding ? 7

13. Write a short note on Barcode in libraries. 7

14. What are the different types of operating systems ? 7

15. What is meant by Linux file system ? 7

16. Write a short note on linear bus topology. 7

17. Write a short note on OSI model of network architecture. 7

18. Write a short note on INFLIBNET. 7

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VIIE1 : Preservation and Conservation of Library Materials

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

$18 \times 2 = 36$

1. Trace the historical development of the writing materials. 18

2. Explain the causes of chemical deterioration of library materials. 18

3. Describe non-book materials in the context of preservation. 18

4. Illustrate different techniques of repair and restoration of book materials. 18

GROUP – B

Answer any *three* of the following questions :

$12 \times 3 = 36$

5. What is the need to preserve the library materials ? How is 'preservation' different from 'conservation' ? 6 + 6

6. Write on different aspects of paper as writing materials. 12

7. State briefly different factors responsible for the physical deterioration of documents. 12

8. Discuss the methods to control the micro-biological agents that cause damage to library materials. 12

9. Narrate the process of de-acidification to prevent damage of paper. 12

10. Describe digital preservation process with examples. 12

GROUP – C

Answer any *four* of the following : $7 \times 4 = 28$

11. Clay Tables.

12. Durability of Papers.

13. Optical media for preservation.

14. Lamination.

15. Human being as biological agent for deterioration of library materials.

16. Cleaning and Sterilization

17. Microfilming and digital imaging.

10. What are the advantages and disadvantages of case study ? 12

GROUP – C

Answer any *four* of the following : 7 × 4 = 28

11. Write a note on quantitative and qualitative research. 7

12. Write a note on Delphi method of study. 7

13. Write a short note on conducting the interview. 7

14. What do you mean by schedule ? 7

15. Write a short note on simple random sampling. 7

16. What do you mean by delimitation of research problems ? 7

17. What is case study ? Discuss briefly. 7

18. Describe how data may be presented in chart with example. 7

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VIIE2 : Research Methodology

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. Describe different types of research pointing out their distinctions and purposes. 18

2. What do you mean by the process of a research ? Discuss the various steps of research with illustration in your own word. 18

3. What is a sociometric study ? Describe the measurement techniques those are used in sociometric tests. 6 + 12

4. What is median value ? How do you compute median with discrete values ? Compute the median for the data given in the following table :

2 + 4 + 12

No. of Requisition	No. of Days
0 - 24	2
25-49	6
50-74	11
75-99	14
100-124	20
125-149	20
150-174	8
175-199	7
200-224	6
225-249	3
250-274	2
275-299	1
Total	100

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. Compute the standard deviation of the following data : 12

Price (in Rs.)	No. of books
0-49	02
50-99	15
100-149	28
75-99	14
150-199	05

6. Discuss the 'Ethical Guidelines' for research. 12

7. What do you mean by 'observation' of a situation or phenomena of research ? What are its different types ? 6 + 6

8. Discuss interview as a technique of data collection. 12

9. Classify and discuss various measurement scales as used by the researchers. 12

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VIIE3 : Academic Library System

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions :

18 × 2 = 36

1. Give an account of the functions of a university library along with changes that have occured under the impact of IT. 12 + 6

2. Classify the Library Personnel and assess the staff-requirement in an academic library. 6 + 12

3. Write a note from which the origin of Indian university libraries may be traced and a short essay on the Nalanda Mahavihara (University) Library of Ancient India. 9 + 9

4. "INFLIBNET is the gateway to academic and research community in India". — Examine the statement. 18

GROUP – B

Answer any *three* of the following questions :

12 × 3 = 36

5. Write in details about the aims and objectives of a school library. 12

6. Discuss the advantages of accessing 'electronic journals' in academic libraries. 12

7. Suggest some measures for introducing curriculum of Bibliotherapy for academic libraries in India. 12

8. Briefly discuss the purpose and prerequisites of collection development in an academic library.

8 + 4

9. Write a note on Cost-Effectiveness (CE) and Cost-Benefit Analysis (CBA) in the context of academic library system. 12

10. Enumerate the objectives of training and orientation programme for academic library personnels. 6 + 6

GROUP – C

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

7 × 4 = 28

11. Aggregation.

12. Ranganathan's Staff Formula.

13. Reference service and information service.

14. Academic library budget.

15. Job description and job specification.

16. Functions of academic library committee.

17. Sources of finance of academic library.

18. Principles of library furniture design.

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MASTER OF LIBRARY AND INFORMATION SCIENCE

Paper-VIIE4 : Public Library System

Time : Four Hours **Full Marks : 100**

(Weightage of Marks : 80%)

Special credit will be given for accuracy and relevance in the answer. Marks will be deducted for incorrect spelling, untidy work and illegible handwriting. The weightage for each question has been indicated in the margin.

GROUP – A

Answer any *two* of the following questions : $18 \times 2 = 36$

1. State the objectives of resource sharing in public libraries. Discuss the areas in public library where resource sharing can be implemented.

2. Suggest ways of strengthening the public library system.

3. State the objectives of National Policy on Library and Information Service in India. Describe the recommendations of D. P. Chattopadhyay Committee regarding setting up a public library system in India.

4. Community Information Centres are parts of public library system. Explain.

GROUP – B

Answer any *three* of the following questions :

$12 \times 3 = 36$

5. How does the National Library System work in India ?

6. Discuss the role of public libraries in adult education.

7. Discuss the various sources of finance for public libraries in India.

8. Describe the extension services which may be provided by a public library.

9. Discuss the role of public library in the 21st Century.

10. Discuss the use of information technology in the housekeeping operations of a public library.

GROUP – C

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

$7 \times 4 = 28$

11. Objectives of RRRLF

12. Press and Registration of Books Act, 1867.

13. Library Cess.

14. Role of public library association in India.

15. Collection development in children library.

16. Importance of Public Library Act.

17. Public library as a social institution.

18. Preservation in public library.