

B/J1/08
MLIS-I

POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
INFORMATION, COMMUNICATION AND SOCIETY

PAPER I

Time—4 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** questions : 18×2=36

1. Give an account of the commodity aspect of information theory.
2. What are the various theories of knowledge ? Which, do you consider the most relevant in the modern information age ? — Discuss.
3. Discuss, with examples, the various communication models.
4. What do you understand by Intellectual Property Rights ? Discuss in details.

P.T.O.

B-14/129

MLIS-I

(2)

Group - B

Answer any **three** questions : 12×3=36

1. What are the main activities of a knowledge manager ? — Discuss.
2. Give an idea of the three aspects of the landmark in information science.
3. Enumerate the various types of pricing strategies as adopted in libraries and information centres.
4. What are the cornerstones of information society ? — Discuss.
5. “Libraries show the path to access information in proper manner.” — Analyse this statement.
6. How does India’s National Knowledge Commission contribute to the knowledge database system ?

Group - C

Answer any **four** questions : 7×4=28

1. Redundancy in relation to information.
2. Transborder data flow.
3. Right to Information as one of the main human rights.
4. Product planning in the marketing activity.
5. Forms of knowledge.
6. Mathematical theory of information.
7. Scope of data.
8. Functions of communication.

POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
INFORMATION SOURCES, SYSTEMS AND SERVICES

PAPER II

Time—4 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** questions : 18×2=36

1. (a) Why are institutions important for information service ?
(b) List the categories of human experts. What are the possible limitations in using them as sources of information ? Elucidate.
2. (a) Give a comprehensive account of different kinds of sources.
(b) What are the sources of information other than the documentary ones and what complementary role do they play in catering information service ? — Discuss.
3. Assess the importance of CD-ROM, DVD ROM and multimedia as sources of information.
4. Explain the concept 'print media'. Does it have a bright future ? — Discuss.

P.T.O.

Group - B

Answer any **three** questions : 12×3=36

1. Highlight the different types of indexes in Biological Abstracts.
2. Describe the most prominent information system in the private sector in the field of renewable sources of power.
3. 'Propaedia – a unique example of an aid provided to locate the required information from the huge store of macropaedia' – Discuss.
4. What are predominant fields catered to by information services in the Indian Context ? Present a holistic view of services actually rendered by different agencies.
5. Discuss information sources related to industrial production technologies.
6. What is content analysis ? Examine the applications of content analysis in various activities of a library or an information centre.

Group - C

Write short notes on any **four** of the following : 7×4=28

1. Sheehy's Guide to Reference books.
 2. APINESS.
 3. JCR.
 4. Catching - up Approach.
 5. INIS Products.
 6. UNISIST.
 7. IPCL.
 8. NIC.
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POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
INFORMATION PROCESSING AND RETRIEVAL

PAPER III

Time—4 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** questions : 18×2=36

1. How would you propose to tackle the problems related to semantic aspects of natural language processing ? — Discuss.
2. Why do you need a theory of indexing ? Discuss the contributions of Johker and Salton in theory building process.
3. Is it almost axiomatic that a specialised collection needs for information management requirements a specialised classification and retrieval system ? Examine the nature, features and some particular examples of special schemes.
4. How is a thesaurus designed for indexing and searching in a specific subject area ? — Discuss

P.T.O.

Group - B

Answer any **three** questions : 12×3=36

1. Discuss the general rules for description of non-print materials as provided in AACR-2R.
2. What is retrieval technique ? Bring out salient features of the following techniques (a) Fuzzy set. (b) Vector space.
3. Elucidate the relationship between recall and precision along with Fugmann's argument in this regard.
4. Show your acquaintance with major evaluation projects for IR.
5. What is metadata ? Explain its purpose. Illustrate two examples of metadata standards.
6. What is the objective of universal bibliographic control ? What purpose do ISBN and ISSN serve ? Discuss the ISBD for monographic publications.

Group - C

Write short notes on any **four** of the following : 7×4=28

1. Classification of Library & Information Science.
2. Unique features of BC2.
3. UDCC.
4. CCF.
5. Limitations of Citation Index.
6. Quasi-Synonyms.
7. Text Retrieval Conferences.
8. Boolean logic model.

POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
INFORMATION INSTITUTIONS, PRODUCTS AND SERVICES

PAPER IV

Time—4 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** questions : 18×2=36

1. (a) Enumerate in detail services provided by the information centre.
(b) Cite two national information centres along with their activities.
2. Define information consolidation. Discuss the major role played by Unesco in this context.
3. How would you define information networks ? Discuss three information networks in the world.
4. Discuss the different types of data and database. Describe the use of databases in India.

P.T.O.

Group - B

Answer any **three** questions : 12×3=36

1. Give an idea of literature search in library and information science.
2. What is the mode of access to electronic databases ? Show your acquaintance with database vendors.
3. What is a trade catalogue ? What purpose does it serve ? Describe the functions of trade catalogues.
4. What is understood by 'Report literature' ? Discuss the characteristics and status of technical reports.
5. Discuss the various attempts to control reviews bibliographically.
6. What are house journals ? Describe their features and functions.

Group - C

Write short notes on any **four** of the following : 7×4=28

1. Customised information service.
 2. Guides to trade literature.
 3. Information resource.
 4. Referral centres.
 5. Security classification.
 6. Topical reviews.
 7. ITC.
 8. EBSCO.
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POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
MANAGEMENT OF LIBRARY & INFORMATION CENTRES
PAPER V

Time—4 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** questions : 18×2=36

1. (a) Discuss the importance of planning.
(b) Enumerate the principles of library management.
2. Critically discuss the role of librarian in the library system.
3. 'Effective human resource planning is a crucial job in the library system' – Elucidate.
4. Discuss the salient features of the resource management strategy.

Group - B

Answer any **three** questions : 12×3=36

1. How would you accommodate the ever-increasing collection in a library ? — Discuss.

P.T.O.

2. What is an electronic library ? How would you organise the library ? — Discuss.
3. State the importance of principles and policies for collection development programmes.
4. Explain the attributes and functions of the human resource managers.
5. Write notes on induction and orientation.
6. What do you understand by 'financial management'? State the methods of financial estimation.

Group - C

Write short notes on any **four** of the following : 7×4=28

1. File Transfer Protocol.
 2. Performance evaluation.
 3. Decision making.
 4. CD-ROM producers.
 5. Databases of DIALOG.
 6. Internet protocol.
 7. Compact shelving.
 8. Line function.
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B/J1/08
MLIS-VI

POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
INFORMATION TECHNOLOGY : APPLICATION

PAPER VI

Time—4 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** questions : 18×2=36

1. Discuss the importance of infrastructure for implementing computer based circulation system and criteria for selection of any circulation system.
2. What is computer network ? Discuss the functions of major hardware components of computer network.
3. Discuss about different city based bibliographic information systems.
4. What is network topology ? Discuss major network topologies.

MLIS-VI (2)

Group – B

Answer any **three** questions : 12×3=36

5. What do you mean by resource sharing networks ? How do you classify resource sharing networks ? Discuss the characteristics of ideal resource sharing networks.
6. Briefly discuss salient features of any one operating system.
7. What is database system ? When do you use database system ? Discuss the major types of database organization.
8. Discuss in details the step involved in design & development of a bibliographic database using CDS/ISIS.
9. Discuss in details online public access catalog.
10. Discuss with examples the application flow chart.

Group – C

Answer any **four** questions : 7×4=28

11. MARC standard.
 12. Write note on programming language.
 13. INFLIBNET.
 14. OSI model.
 15. SOUL.
 16. UNICODE.
 17. Benefits & barriers of library automation.
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P.T.O.

POST-GRADUATE COURSE
Term End Examination — December, 2009

LIBRARY AND INFORMATION SCIENCE

PRESERVATION AND CONSERVATION OF LIBRARY MATERIALS

PAPER E-I

Time—4 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** questions : 18×2=36

1. Give an idea of the preservation of maps and paintings.
2. How do biological agents cause decay and deterioration of library materials ? — Discuss.
3. What are the essential elements of a preservation unit of a medium sized library ? — Discuss.
4. “Preservation allows for the continuity of the past, with the present and future” — Comment on this statement.

Group – B

Answer any **three** questions : 12×3=36

1. Discuss the importance of ink as a physical element of the book.

P.T.O.

2. How would you obtain good quality paper ? What are the principal ingredients of paper ? — Discuss.
3. Discuss the evolution of binding process from the ancient times to the present days.
4. What is digital preservation ? Discuss the prospects and problems of digital preservation.
5. Give an idea of the various stages relating to the repair and restoration methods for a particular document.
6. What are the methods to achieve ‘good housekeeping’ ?

Group – C

Answer any **four** questions : 7×4=28

1. Dusting of books.
 2. Atmospheric contamination as a cause of chemical degradation of paper.
 3. Use of two solutions in deacidification.
 4. Commercial binding.
 5. Any three special kinds of paper.
 6. Principal writing materials of the modern society.
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POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
RESEARCH METHODOLOGY
PAPER E-II

Time—4 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** questions : 18×2=36

1. What is meant by research design ? Describe the elements of any research design.
2. Enumerate the steps involved in historical method. Describe the various kinds of sources in historical method. How would you evaluate the historical evidences ? — Discuss.
3. What is hypothesis ? Describe the various methods for testing hypothesis. Discuss the steps involved in analysis of collected data with suitable example.
4. What are the purposes of measuring standard deviation ? Compute the standard deviation of the following data :

<u>Price (in Rs.)</u>	<u>No. of books</u>
0 - 49	2
50 - 99	15
100 - 149	28
150 - 199	5

Group – B

Answer any **three** questions : 12×3=36

5. What is sampling ? Describe different kinds of sampling in LIS research.
6. What do you mean by observation ? Elucidate various kinds of observations.
7. Define case study method of research. Enumerate steps involved in case study method.
8. Describe the factors to be considered while writing a research proposal.
9. Mention the purpose of statistical study in LIS research. Discuss the pros and cons of statistical study.
10. Why do we need ethical guidelines for the researcher ? Mention different ethical considerations while conducting the research.

Group – C

Answer any **four** questions : 7×4=28

1. Stratified sampling.
 2. Deductive Reasoning.
 3. Variables.
 4. Pie-Chart.
 5. Chi-Square test.
 6. Null hypothesis.
 7. Correlation Coefficient.
 8. Sociometry.
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POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
ACADEMIC LIBRARY SYSTEM
PAPER E-III

Time—4 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** questions : 18×2=36

1. “The role of the Library in the academic support system is immense” — Elucidate.
2. Describe the functions of the librarian in an academic institution.
3. What do you mean by the expression ‘Virtual University’ ? Illustrate your answer in the context of Academic Library System.
4. What do you mean by ‘Electronic Journals’ ? Write about the important role played by the Electronic Journals in the Academic Library System.

Group – B

Answer any **three** questions : 12×3=36

1. What is Copy Cataloguing ? Briefly describe.
2. Write, in brief, about the Use of Metadata in an academic library.

P.T.O.

3. Describe, in short, the Bibliophone Transport System.
4. Write a short note on the Groups of Users in a University Library.
5. How could the classroom teaching be integrated with the Library Support ? Enumerate the services to be rendered in this regard.
6. Write a brief note on the modern concept of management applicable to librarianship.

Group – C

Answer any **four** questions : 7×4=28

1. Discuss the issue of Departmentalization from the perspective of academic library services.
2. What do you mean by the term ‘Coordination’ ? Write about coordination of academic library services.
3. Write a brief note on ‘Collection Preservation’ in an academic library.
4. Write a short note on the Library Personnel of a University Library.
5. What is ‘Job Description’ ? Enumerate the Items to be included in the Job Description Record’ (J.D.R.).
6. Define the term ‘Motivation’ in the context of the Academic Library System.
7. Enumerate the Needs for the preparation of the Budget of an academic library.
8. Explain, in brief, the term ‘Cost Control’ with reference to the Academic Library System.

POST-GRADUATE COURSE
Term End Examination — December, 2009
LIBRARY AND INFORMATION SCIENCE
PUBLIC LIBRARY SYSTEM

PAPER E-IV

Time—4 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** questions : 18×2=36

1. What are the objectives of the National Knowledge Commission and what is its Organisational Structure ?
2. Suggest ways of strengthening the Public Library System.
3. Community Information Centres are part of Public Library System. — Explain.
4. Discuss the role of Public Libraries in the 21st Century.

Group – B

Answer any **three** questions : 12×3=36

1. How does the National Library System work in India ? Discuss.

MLIS-E-IV (2)

2. Discuss the changing role of Library professional in the IT era.
3. Enumerate the Terms and References of D.P. Chattopadhyaya Committee.
4. What are the characteristics of Distant Learning ? Discuss.
5. Describe the role of Union Government in State Library System.
6. Give details about the On-line Networks with special reference to India.

Group – C

Write short notes on any **four** of the following : 7×4=28

1. Libraries under the Ministry of Culture, Government of India.
2. Library application of ICT.
3. Major provisions of Public Libraries and Museum Act, 1964 of UK.
4. The Academic Library System in India.
5. Information Patterns in new IT environment.
6. Agenda for Public Library Service.
7. Implications of collection development.
8. Libraries without walls.