

POST-GRADUATE COURSE  
Term End Examination — December, 2008  
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. What are the important characteristics of information? Which, among these, are significant for information as a marketable commodity? — Discuss.
2. "Knowledge becoming socially modified" — Explain the process.
3. Describe the importance of information dissemination in the society.
4. Give an account of the activities of India's National Knowledge Commission.

Group - B

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

1. Write a note on the national efforts to provide Right to Information.
2. What are the major forms of communication? — Enumerate.
3. Distinguish between primary and secondary data, with suitable examples.
4. Trace the relation between information age and information society.
5. What are the marketing principles on which modern library service is based? — Discuss.
6. Write a note on the information generation process.

Group - C

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

1. Cost accounting in a library.
2. Knowledge Society.
3. Transborder data flow.
4. Descartes' & Locke's view of knowledge.
5. Distinguish between literal and internal noise.
6. Age of transition in the history of human communication.
7. Tools of protecting originality and creativity.
8. Line diagram to represent data.

**Group - B**

POST-GRADUATE COURSE  
Term End Examination — December, 2008  
**LIBRARY AND INFORMATION SCIENCE**  
INFORMATION SOURCES, SYSTEMS AND SERVICES

PAPER II

Time—4 hours

Full marks—100  
(Weightage of marks—80%)

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**Group - A**

Answer any **two** questions : 18×2=36

1. In the wake of modern technology, discuss the future of print media.
2. What is understood by the term 'humanities' ? Why does India need a national documentation centre in humanities ? Enumerate any two organisations which generate information for humanities scholars.
3. Discuss the programmes and activities of Unesco with reference to India.
4. What is understood by 'aids to information sources' ? Describe the various types of indexes in Chemical Abstracts.

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

1. When and how the concept of 'Invisible College' came into being ? What led to the development of information broker ?
2. What are the different categories of information personnel ? Describe their activities as information disseminators.
3. What are the limitations of citation analysis ? Write a note on Journal Citation Report.
4. Enumerate Various Categories of information sources. Discuss the types of sources which the users need at different points of time.
5. Why do we generally find that S & T information systems in India are better placed in terms of infrastructural facilities and information sources ? — Discuss.
6. What is APINESS ? What are its main constituents ? Discuss the activities of NCPs.

**Group - C**

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

1. NASSDOC
2. GIPE
3. ICHR
4. ICCR
5. DVD
6. ICMR
7. INIS
8. ISI, Philadelphia

POST-GRADUATE COURSE  
Term End Examination — December, 2008  
LIBRARY AND INFORMATION SCIENCE  
INFORMATION PROCESSING AND RETRIEVAL

PAPER III

Time—4 hours

Full marks—100  
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**Group - A**

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

1. Discuss the salient features of the following classification schemes :  
(a) LEC (b) BSO (c) BC2
2. 'Thesaurofacet represented a return to the pattern of Roget's Thesaurus' — Discuss.
3. What is metadata ? Explain its purpose. Describe different types of metadata. Illustrate **two** metadata standards.
4. Give a diagrammatic view of the classification of retrieval technique. Bring out the salient features of Cluster and Spreading activation.

**Group - B**

Answer any **three** questions :  $12 \times 3 = 36$

1. Describe the widely adopted criteria for evaluating retrieval performance.
2. What is understood by 'Automated' and 'Automatic' indexing ? What do you mean by 'hyperstructure environment' ? — Discuss.
3. Discuss the merits and deficiencies of Chain Indexing.
4. How is a thesaurus developed ? Discuss the stalagmitic and stalactitic approaches.
5. Discuss the general rules for description of non-print materials as provided in AACR-2R.
6. Write notes on (a) SGML, (b) DTD and (c) HTML.

**Group - C**

Write short notes on any **four** of the following :  $7 \times 4 = 28$

1. Role operators in PRECIS.
2. Statement of responsibility in AACR-2R 1988.
3. Citation Index.
4. Syntax of index language.
5. Syntagmatic relation.
6. KWOC Indexing.
7. SMART.
8. Significance of TREC.



POST-GRADUATE COURSE

Term End Examination — December, 2008

LIBRARY AND INFORMATION SCIENCE

INFORMATION INSTITUTIONS, PRODUCTS AND SERVICES

PAPER IV

Time—4 hours

Full marks—100

(Weightage of marks—80%)

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**Group - A**

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

1. How would you define an information centre ? How would you organise an information centre ? Give details about the different types of information centre.
2. How would you organise a data centre ? Write a note on CODATA.
3. Describe the process in information consolidation.
4. Discuss the importance of translation in the modern society. Suggest important translation tools and pools.

**Group - B**

Answer any **three** questions :  $12 \times 3 = 36$

1. Highlight the problems relating to acquisition, arrangement and retrieval of trade literature.
2. Describe two international networks farthing access to the information.
3. What is clearing house ? Give a brief description of two clearing houses for report literature.
4. Define 'database'. Discuss the different types of database.
5. What should be the qualities of intermediary ? How would he play the role of information consultant ? — Discuss.
6. Define 'information resource'. 'Inventory of potential resources is a complex problem for referral centres' — Elucidate.

**Group - C**

Write short notes on any **four** of the following :  $7 \times 4 = 28$

1. Security classification.
2. Comprehensive reviews.
3. Guides to trade literature.
4. Trade fair catalogues.
5. Data Banks for different disciplines.
6. Socio-demographic data.
7. Customised information service.
8. Technological Gatekeeper.

**Group - B**

Answer any **three** questions :  $12 \times 3 = 36$

1. Discuss the relationship between management and administration.
2. Show your acquaintance with CD-ROM producers and their products.
3. Discuss the significance of performance evaluation.
4. Discuss the role of rules and regulations in library and information centre.
5. What are the salient features of File Transfer Protocol ? — Discuss.
6. How does decision making play a vital role in the management of library and information centre ? — Discuss.

**Group - C**

Write short notes on any **four** of the following :  $7 \times 4 = 28$

1. Classical theory of management.
2. Motivation.
3. Compact shelving.
4. Directing.
5. Authority and responsibility.
6. Benefits of electronic media.
7. Line function.
8. K. R. Information on disk.

POST-GRADUATE COURSE  
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LIBRARY AND INFORMATION SCIENCE  
MANAGEMENT OF LIBRARY & INFORMATION CENTRES  
PAPER V

Time—4 hours

Full marks—100  
(Weightage of marks—80%)

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**Group - A**

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

1. Discuss the modern management policy, techniques and procedures.
2. What are the objectives of human resource management ? State the importance of human resource planning.
3. How can the job description document serve as a performance tool ? — Discuss.
4. What is meant by financial management ? Discuss the methods of preparation of budgeting library and information centre.

POST-GRADUATE COURSE  
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LIBRARY AND INFORMATION SCIENCE  
INFORMATION TECHNOLOGY : APPLICATION

PAPER VI

Time—4 hours

Full marks—100  
(Weightage of marks—80%)

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**Group – A**

Answer any **two** questions : 18×2=36

1. Discuss the importance of infrastructure for implementing computer based acquisition system and criteria for selection of acquisition system.
2. Discuss the concept, advantages and limitations of flow chart. Explain with examples application of 4 (four) different flow chart symbols.
3. Discuss about bibliographic information systems in India.
4. Discuss the sub-systems & their functions in relation to OPAC.

**Group – B**

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

1. What do you mean by library automation ? Discuss the benefits & barriers of library automation in India.
2. Define the concept of network protocol. Briefly sketch the layers of OSI model.
3. Discuss about the different switching systems.
4. Identify the major functions of computer operating systems. How are different operating systems classified ? — Discuss.
5. Describe the INFLIBNET.
6. What is computer programming language ? How do you classify programming languages ? Elucidate.

**Group – C**

Write notes on any **four** questions : 7×4=28

1. Electronic Data Interchange (EDI).
2. WINDOWS NT.
3. CALIBNET.
4. Sorting algorithm.
5. UNICODE.
6. Flow Chart with the sum of first 29 natural numbers.
7. Assemblers.
8. DELNET.

POST-GRADUATE COURSE  
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LIBRARY AND INFORMATION SCIENCE

PRESERVATION AND CONSERVATION OF LIBRARY MATERIALS

PAPER E-1

Time—4 hours

Full marks—100  
(Weightage of marks—80%)

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**Group – A**

Answer any **two** questions : 18×2=36

1. "Environmental control is the most significant measure to check any type of damage to library materials." — Discuss.
2. Give an account of the tools and supplies needed in a preservation unit.
3. What are the commonly used adhesives in preparing a book ? — Describe.
4. Do you think that preservation of library materials is an important part of librarian's responsibility ?—Discuss.

**Group – B**

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

1. What are the special methods of treating non-book materials ? — Describe.
2. Differentiate between handmade paper and machine-made paper.
3. What are the commonly used covering materials in binding of books ? — Discuss.
4. Differentiate between deacidification using ammonia, and using magnesium bicarbonate.
5. Write a note on the microbiological agents causing damage to the library materials, and the type of damage caused.
6. Give an idea of the special kinds of paper.

**Group – C**

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

1. Difference between magnetic media and physical media.
2. Standards for binding.
3. Preservation of newspapers.
4. Different types of stain removers.
5. Chiffon lamination.
6. Digital imaging.
7. Signature.
8. Minor repairs in preservation.



POST-GRADUATE COURSE  
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LIBRARY AND INFORMATION SCIENCE  
RESEARCH METHODOLOGY

PAPER E-2

Time—4 hours

Full marks—100  
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**Group – A**

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

1. What are the objectives of research ? Discuss various ethical considerations of research.
2. What is meant by research design ? Briefly mention its significance in research. Describe the elements of any research design.
3. Define 'operations research'. Enumerate briefly the characteristics of it. Describe the steps involved in operations research.
4. What are the purposes of measuring standard deviation ? Compute the standard deviation for 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 :  $12 \times 3 = 36$

5. Distinguish research method with methodology. Describe briefly the scientific method of research.
6. What are the purposes of analysing the research data ? Mention the problems and limitations involved in it.
7. What do you mean by observation ? Elucidate, with examples, various kinds of observations.
8. Define case study method of research. Enumerate the steps involved in case study method.
9. Why do we calculate the 'mode' of data. Compute the mode from the following data :

<u>No. of transactions</u>	<u>No. of weeks</u>
0 - 24	3
25 - 49	10
50 - 74	10
75 - 99	13
100 - 124	6
125 - 149	8

10. Describe the factors to be considered while writing a research proposal.

**Group – C**

Write short notes on any **four** of the following :  $7 \times 4 = 28$

11. Stratified sampling.
12. Delphi method.
13. Inductive Reasoning.
14. Questionnaire.
15. Sociometry.
16. Correlation Coefficient.
17. Pie-chart.



POST-GRADUATE COURSE  
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LIBRARY AND INFORMATION SCIENCE

ACADEMIC LIBRARY SYSTEM

PAPER E-3

Time—4 hours

Full marks—100  
(Weightage of marks—80%)

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**Group – A**

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

1. What do you mean by 'Academic Library' ? Write, in details, about the different types of Academic Libraries.
2. "The library-college concept has introduced a complete change in traditional method of learning". — Elucidate.
3. Describe the academic and royal libraries of Mediaeval India.
4. Write, in details, about the Inter-Library Cooperation Services in the Academic Library System.

P.T.O.

**Group – B**

Answer any **three** questions :  $12 \times 3 = 36$

1. Define the term 'Aggregation'. Enumerate the advantages of the Aggregation in the context of e-journals.
2. Discuss the nature and quality of services in an academic library.
3. How would you organise the library services in an academic library ? Narrate in brief.
4. Enumerate the objectives of training of the academic library staff.
5. Write a note on Cost-Effectiveness (CE) and Cost-Benefit Analysis (CBA) in the context of the academic library system.
6. "The planning of the academic library building is drawn considering the details of the spatial and technical needs." — Explain briefly.

**Group – C**

Answer any **four** questions :  $7 \times 4 = 28$

1. Discuss, in brief, about the different types of Equipments needed for an academic library.
2. Write a brief note on 'Collection Preservation'.
3. Draw the Organisational Chart of a university library.
4. What is New Technology in an academic library ? Write, in short, about it.
5. What are the Secondary Financial Resources of a library ? Discuss in the context of the academic library system.

6. How does the 'Audit' help the management of an academic library to function ? Write in brief.
  7. What is Networking ? Write about its importance in the academic library system.
  8. Write a short note on the essential considerations for machine readable formats in collection management in a university library.
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