1. Differentiate between data, information and knowledge. Explain their intrinsic relationship in the context of a library and information centre.

2. Explain the concept of ‘data’ and discuss its characteristics and types.

3. Define Knowledge. Discuss its characteristics and types.

4. Explain the process of communication and discuss media of communication.

5. What are the different forms of information? Discuss in detail.


7. Differentiate between ‘information economics’ and ‘economics of information’. Discuss the relevance of information economics to library and information studies.

8. What do you understand by National Information Policy? Discuss the issues and aspects of a National Information Policy in the context of library and information system and services in India.

9. Discuss the concept of information society. Explain the factors that determine its arrival.

10. Define ‘Knowledge Management’. Discuss its implications on knowledge professionals.
1. Define the basic objectives of academic libraries and identify the differences in School, College and University Libraries.


3. Discuss the role of the library authorities in the efficient functioning of any academic library.

4. Enumerate the variety of services rendered in academic libraries. Discuss the factors to be considered for evaluating such services.

5. Discuss the collection development policy issues in an academic library.

6. Discuss the need for and importance of collection care in libraries. State the steps to be taken for storage and care of library materials.

7. Explain Ranganathan’s general staff formula and norms of UGC in this regard.

8. Explain the need for continuing education of professional staff in a library. Discuss the teleconferencing and online delivery modes of continuing education programmes.

9. Describe the objectives of resource sharing along with areas requiring policy decisions in this regard.

10. Describe the document delivery and bibliographic information services of INFLIBNET.
1. Content analysis is an essential activity for intellectual organization of information. Explain the statement with particular reference to its purpose and use in various operations and services of library and information science.

2. Discuss the major objectives and methods of vocabulary control with examples.

3. Discuss the features and structures of UDC Medium Edition.

4. Define Pre-coordinate indexing. Describe Farradane's Relational Indexing System with examples.

5. Discuss the role of ISBD as base format for bibliographic description. State the various areas of ISBD(G) with examples.

6. What are Markup Languages? Discuss the basic features of XML. How XML is different from HTML?

7. Define content development. Explain the method for multilingual content development using UNICODE.

8. Describe the objectives to be kept in view for designing an ISAR system. With reference to the said objectives, what are the features required to be incorporated in the system?

9. What do you understand by compatibility of ISAR systems? Discuss the principle issues and areas of compatibility of these systems.

10. Describe the different available search techniques to conduct search in an information retrieval system.
1. Discuss in brief the different types of information institutions along with their functions.

2. Discuss the need for information centres and describe the types of services these centres provide.

3. Explain the meaning of the data centre and its structure and functions.

4. Describe the activities, products and services of information analysis and consolidation centres.

5. Differentiate between information sources and information resources. Enumerate the information sources under different categories. Discuss any three information sources taking one each from these categories.

6. Briefly discuss the important information systems and programmes available in the area of humanities in India.

7. Discuss the role of UNESCO in the development of information institutions in the World.

8. Describe the characteristics of trade and product bulletins as the basic sources of trade literature.

9. Discuss the need for an Electronic Document Delivery System (EDDS) in an information center. Explain the different types of EDD systems.

10. Enumerate the categories of information professionals. Discuss the activities and functions of disseminators.
1. Discuss the functional considerations of a database. How can you categorize databases, based on content? Explain with examples.

2. What is meant by data structures? Discuss their different types.

3. What do you understand by Data Base Management System (DBMS)? Describe its different generations.

4. What are the basic requirement of a computerized cataloguing module? Enumerate and describe the basic jobs involved in it.

5. Describe the features of any two library management software of Indian origin.

6. Discuss the features of an electronic clipping service as a form of an alerting service. Describe any two international alerting services.

7. What is bibliographic full-text service? Discuss the role of INDEST in providing this service.


9. Discuss the role of Internet for supporting various library activities.

10. Discuss the need for evaluating Internet resources. Describe the tools available on Internet for such evaluation.
1. Explain the term conservation and describe a few methods of conservation.

2. Discuss 'clay tablets and papyrus' as writing materials of ancient times.

3. Describe how inherent factors and aging together with external conditions causes deterioration of library materials.

4. Enumerate different categories of non-book materials available in the libraries. Describe their care, handling and storage aspects.

5. Discuss how deterioration and decay of library materials can be checked through control of environment.

6. What are Micro-organisms? Discuss the damages caused by them and the remedial measures to be adopted.

7. Describe type of disaster suffered by libraries due to armed conflicts efforts that are being made to resurrect libraries.

8. What do you understand by reinforced binding? Discuss the materials used for reinforced binding.

9. Describe the basic materials and tools used for book repair.

10. Discuss the advantages and disadvantages of digitization of library materials.
Answer any Five Questions. All questions carry equal marks.

1. Explain the need for and purpose of research. Discuss the conceptual framework of research. शोध की आवश्यकता एवं इसके उद्देश्य की व्याख्या कीजिए। शोध के संकल्पनात्मक गठन का विवेचन कीजिए।

2. What is survey method of research? Discuss its area of applications and the problems associated with it. शोध की सर्वेक्षण पद्धति क्या है? इसके अनुप्रयोग के क्षेत्रों तथा इससे सम्बन्धित समस्याओं की चर्चा कीजिए।

3. Discuss the definition, purpose and technique of Action Research. प्रयुक्त शोध की परिभाषा, प्रयोजन एवं तकनीक की विवेचना कीजिए।

4. What is a variable? Discuss its different types and the measurement of a qualitative variable giving an example. चर (वैरिएबल) क्या है? इसके विभिन्न प्रकारों तथा एक मात्रात्मक चर के मापन की सोपान चर्चा कीजिए।

5. What is meant by time series analysis? Explain its importance in research and describe its various components with the help of suitable examples. टाइम सीरीज एनालिसिस क्या है? शोध में इसके महत्त्व की व्याख्या और उपयुक्त उदाहरणों की सहायता से इसके विभिन्न घटकों का वर्णन कीजिए।

6. Define a statistical package and describe its need and purpose. स्टैटिस्टिकल पैकेज को परिभाषित कीजिए तथा इसके आवश्यकता एवं प्रयोजन का वर्णन कीजिए।

7. Describe the steps to be considered in the design of a questionnaire. Discuss the various types of questions. प्रश्नातीक निर्माण में ध्यान रखने योग्य प्रश्नों का वर्णन कीजिए। प्रश्नों के विभिन्न प्रकारों की चर्चा कीजिए।

8. Discuss the different steps involved in the interview process. साक्षात्कार की प्रक्रिया में निहित विभिन्न प्रश्नों की चर्चा कीजिए।

9. What is Research Design? State its function and purpose. शोध आयोजन क्या है? इसके कार्य एवं प्रयोजन का उल्लेख कीजिए।

10. Explain the concepts statistical inference and statistical estimation. सांख्यिकीय निकाय तथा सांख्यिकीय अवरुद्ध अवधारणाओं की व्याख्या कीजिए।

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**Revised Examination Programme, 2015**

**Master in Library & Information Science (MLIS)**

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<tr>
<th>Date</th>
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<tr>
<td>04.05.2015</td>
<td>Paper-VIII</td>
<td>8.00 AM to 11.00 AM</td>
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<tr>
<td>From 05.05.2015</td>
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