Dept of LIS, RBU
2013
MLISc First Semester Examination

Course1.1 (101)
Information & Communication

Full Marks-40   Time-2 Hours

The figures in the right hand sight margin indicate marks.

Answer all questions:

1. Write short notes on any *two* of the following: 5×2
    (a) Flow of information
    (b) Scholarly Communication
    (c) Elements of communication process
    (d) Right to information.

2. (A) (i) Compare the basic feature of 'data, information and knowledge.'
    (ii) Explain the 'Fundamental equation of information science'. $7^1/_2 + 7^1/_2$

<p style="text-align:center">Or,</p>

2. (B) (i) Explain different types of information different characteristic on the
    basis of modified Shannon- Weaver model of information transfer.
    (ii) Justify the need of knowledge management (KM) in a library Information
    Centre. $7^1/_2 + 7^1/_2$

3. (A) Define Communication. Briefly describe any two famous and frequently use
communication models.   3+12

<p style="text-align:center">Or,</p>

3. (B) Define 'National Information Policy'. What is the importance of this policy?
State in brief different aspects/issues related to National Information Policy. 2+3+10

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Course 1.2 (102)

Information Analysis Consolidation & Repacking

Full Marks-40   Time-2 Hours

The figures in the right hand sight margin indicate marks.

Answer ***all*** questions:

1. Write short notes on any *two* of the following: 5*2
    (a) Packing format and media.
    (b) Annual review.
    (c) Evaluation to technical writing.
    (d) User groups of IA+CR products.

2. (A) Define the terms 'Information Analysis', 'Information Consideration' and 'Information Repacking'. Discus the need and importance of information analysis, consolidation and repacking (IA+CR). 6+9

Or,

2. (B) What is the need of studying 'Information Seeking Behavior' of users in the context of IA+CR? Explain any two models of information seeking behavior. 8+7

3. (A) Briefly describe the methodology of compiling and information consolidation product. 15

Or,

3. (B) Discus the concept of marketing and its basic approaches. What is meant by meant by marketing mix? How the marketing concept can be applied in the context of IA+CR products? Explain. 5+3+7

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Course 1.3(103)
Information Processing (Theory)

Full Marks- 40   Time-2 Hours

The figures in the right hand sight margin indicate marks.

Answer *all* questions:

1. Write short notes on any *two* of the following: 5x2
   (a) Classification of E-resources.
   (b) Folksonomy
   (c) Subject as a system
   (d) Web Dewey.

2. (A) Discuss the 'Theory of Integrative levels'. Describe any two laws of integrative levels enunciated by Fiebleman.   7+8

or,

2. (B) What is controlled vocabulary? Briefly describe the purpose , principle and structure of any one type of controlled vocabulary.   3+12

3. (A) Illustrate the procedure of designing a classification schedule, on a particular subject.   15

or,

3. (B) Explain the relationship between classification scheme and thesaurus with appropriate examples.   15

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Course 1.4 (104)
Information Processing (Theory)

Full Marks- 40   Time-2 Hours

The figures in the right hand side margin indicate marks.

1. Write short notes on any two of the following: 5×2
(a) MARC
(b) Unit operation in cataloguing
(c) TREC
(d) ISO 2709

2. (A) (a) What is FRBR?
(b) What are the conditions of Group 1 Entities of the FRBR model?
(c) What are the factors on which relationships between and among entities are built upon? 3+6+6

Or,

2. (B) Trace the changes of bibliographic objectives from C.A. Cutter to the present day digital environment. 15

3. (A) (a) What is an indexing language?
(b) Describe the characteristics of an Indexing Language. 3+12

Or,

3. (B) "Cranfield project of an indexing language experiment has drawn the attention of the LIS professionals all over the world for bringing the concept of the evaluation of indexing system" – Explain the statement with particular reference of the objectives, methods, and outcomes of cranfield project I and II. 15

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Course 1.5 (105)
Information and Communication Technology

Full Marks- 40 Time-2 Hrs
The figures in the right hand side margin indicate marks.
Answer all questions:
1. Write short notes on any **two** of the following:
(a)ASCII
(b)TCP/IP
(c)ISDN
(d)Peer-to-peer Network
2. (A)What is the difference between XMI and HTMI? Discuss the pre-requisite two develop metadata harvesting? 5+10

Or,

2. (B) Briefly explain various elements used in XML. Explain the functions of OAI-PNH verbs. Explain the essential elements of Library 2.0. 3+4+8

3. (A)What is 'Internal resources'? How do you evaluate Internet resources?

Or,

(B)What is content management system? Discuss features of content Management system. 3+12

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Course 1.6 (106)
Management of Information System & Organization

Full Marks-40   Time-2 Hours
The figures in the right hand side margin indicate marks.

Answer all question :
1. Write short notes on any two of the following : 5×2
(a) Programme Budgeting
(b) Maslow's concept of hierarchy
(c) Job description
(d) Outsourcing.
2. (A)"A structure help an organization to allocate the resources of time , people and technology" Discuss. 15

Or,

2. (B) Discuss the importance of an organizational design. Do you think that an Organizational design may be problematic ? Justify. 7+8
3. (A) Discuss various factors, steps and elements in planning with suitable examples. 15

Or,

3. (B) Make a comparative study of the following three methods of financial estimation in libraries : 15
(a) Per Capital Method
(b) Proportional Method .
(c) Method of Details .

Course 1.7 (107)
Research Methodology

Full Marks-40   Time-2Hours
The figures in the right hand side margin indicate marks.
Answer all questions:
1. Write short notes on any two of the following: 5*2
(a) External and internal criticism.
(b)Internal and research

(c) Various models of graphic presentation of
Numerical data.
(d)Variables in Experimental Research
2. (A) What is Historical Research? What are its characteristics? Discuss steps in
Historical Research

<center>or,</center>

2 (B) What do you understand by "Research Design"?   Discuss various operations
required for Research Design with a suitable diagrams.   5+10
3. (A) What do you understand by "Experimental Research"? What are its
characteristics? Discuss the steps in Experimental Research.   4+5+6
<center>or,</center>

3. (B) Discuss the factors to be considered form ideal research work.   15

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Course 1.8 (108)
Info. & Com. Tech. (Practical)

Full Marks-40   Time-3 Hours
The figures in the right hand side margin indicate marks.
        Answer all questions:
 1. (A) Show your name and examination roll on different lines in the screen five times
using php.   10
<center>*Or,*</center>
1. (B) Write down the steps involved in installation of WAMP Server on Window
XP/7OS.   10

2. (A) Show how CD catalogue can be formatted by using XML and how it can be
viewed in tabular format by using CSS.   10
<center>*Or,*</center>
2. (B) Design two tables with minimum five fields for a book and a user. Write the steps
to create relationship between them.   10
3. (A) Evaluate Elsevier Science Direct database based on the data available in their
website.   10
<center>*Or,*</center>
3. (B) Evaluate various search facilities provided by DOAJ.   10
4. (A) Demonstrate the various steps for acquisition of books using KOHA. 10
<center>*Or,*</center>
4. (B) Write the steps to customize the OPAC in KOHA.   10