2016
Rabindra Bharati University
M. Lib. I. Sc. Second Semester Examination
Course - 201
(Information Economics & Knowledge Management)

Full Marks-40   Time-2 Hours

The figures in the right hand side margin indicate marks.
Answer all questions

1.   Write short notes on **any two** of the following :   5x2=10

  a) Different connotations of information sources and information resources.

  b) Role of mass media in the marketing of information services and products.

  c) Tacit knowledge and its implications in knowledge management.

  d) Impact of information society on library and information professionals.

2. (a) i) Discuss the characteristics that make information an economic resource.   4
     ii) Explain 'marketing'' concept.   4
     iii) Discuss the application of marketing mix in the context of marketing of information products and services.   7

Or

2.   (b)   i) Describe the factors which are responsible for generating demand for information products and services.   7

       ii) Explain the role and functions of information brokers as information intermediaries.
3. (a)   i) What do you understand by knowledge management?   4
       ii) Discuss the advantages of introducing knowledge management system in an organization and the role of library and information professionals in this regard.   7+4

or

3. (b)   i) Explain the features of knowledge society.   7
       ii) Discuss the factors that have triggered the transformation of the present society into knowledge society.   8

2016
Rabindra Bharati University
M. Lib. I. Sc. Second Semester Examination
Course – 202
(Content Design and Technical Writing)

Full Marks-40   Time-2 Hours

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) Content analysis in technical writing (purpose and use).
(b) Editor's tools.

(c) Standards for technical writing.

(d) Content editing.

2. (a) What is "Technical Writing"? Explain the purpose of technical writing.
   Give a few characteristics of readers that tend to influence the technical writing process.

<div align="center">o r   3+6+6</div>

   (b) What is the role of an editor? Discuss the functions and required skills of an editor in Technical Writing.   5+10

3. (a) Define "Software Documentation". What are the need of Software documentation? Describe the key features of an ideal documentation.   3+6+6

<div align="center">Or</div>

3. (b) Explain the categories of software documentation with examples.
   What are the roles of LIS professionals in software documentation.   8+7

<div align="center">------</div>

<div align="center">

2016

Rabindra Bharati University

M. Lib. I. Sc. Second Semester Examination

Course – 203

[Information Processing (Practical)]

</div>

Full Marks-40   Time-2 Hours

<div align="center">The figures in the right hand side margin indicate marks.</div>
<div align="center">Answer all questions</div>

1. Construct class numbers for any five of the following subject descriptions using CC7:   5x4

   i) Boundary value problem of transfinite number following definite integral.

   ii) Treatment of fungus diseases in the stem of stimulant plant through dusting in Bihar.

   iii) Criticism of 'Gora' by R.N. Tagore.

   iv) Oil painting of plants on stones at in the cave of Ajanta, Maharashtra.

   v) Shelf rectification for compound subjects at IIM Library, Kolkata.

   vi) Assessment of mental abilities among the visually-impaired undergraduate students.

   vii) Dictionary of Bengali Phrases.

   viii) Microscopic study of the tissues of flowering plants.

2. Illustrate the steps in designing a depth schedule of classification on a micro subject of your choice taking at least 30 terms. [internet may be used for term collection]   20

<div align="center">---------</div>

2016
Rabindra Bharati University
M. Lib. I. Sc. Second Semester Examination
Course – 204
[Resource Description (Practical)]

Full Marks-40   Time-3 Hours

The figures in the right hand side margin indicate marks.
Answer **all** questions

Group-A

1. Prepare bibliographic record of the following item according to MARC21.   10

   Title Frame at the beginning of motion picture:

   Texture Film inc., presents

           Arrow to the sun
      A Pueblo Indian Tale
   Title Frame at the end of motion picture:

      Designed, directed and produced

              By
          Gerald McDermott
            Music
        Thomas Wagner
           Camera
        Frank Koenig
          Story and Research Consultant
       Charles Hofmann
   Arrow to the sun © 1973, Texture Film inc., Network.
   Q.I. : One standard color 16mm. Film with ca. 15 minutes.

Group-B

Prepare the main entries with tracing, necessary 'Added Entries' as required for a Dictionary catalogue according to AACR-2 R (1988).Mention the edition of Sear's List of Subject Headings used to assign subject headings: 10

2. (A) Box Cover :
        Leonardo Ramon/
   The story of the Lion and the Mouse
         By
   Dorothy Sword Bishop
       Told in Spanish and English
   © National Textbook company, Skokie, Illinois/ Bilingual Fables : A series of Fables in English and Spanish © 1972.
   Q.I.: Designed for children who are in Language development programme. A tiny mouse saves
   the mighty lion when he becomes tangled in a net. It is a literature for children.

Or

2. (B) Container :

Listener

In- service cassette Library
Album-6
Storytelling
Ruth Tooze
© Listener Corporation, © 1971
Hollywood, California
Q.I. : Four mono 2 track analog sound cassettes.Synopsis and biographical note on container. Poetry for today's child.

Group-C

3. Illustrate the steps in designing a thesaurus on any specific micro-subject of your choice talking at least 30 terms [Internet may be used for term collection.]   20

2016
Rabindra Bharati University
M. Lib. I. Sc. Second Semester Examination
Course – 205

(Digital Library System)

Full Marks-40   Time-2 Hours

The figures in the right hand side margin indicate marks.
Answer all questions

1. Write short notes on any two of the following: 5x2=10

   (a) Metadata Harvesting

   (b) Open Archives initiative
   (c) Open URL
   (d) Handle System

2. (a) Explain briefly different types of digital library. Identify various communities involved in digital library environment? Diagrammatically explain the conceptual model of a digital library.

                               or   6+2+7

      (b)   What are the necessary ingredients of a digital library? Briefly explain The various methods of building digital library collection. Explain Sequentially the steps in creating a digital library.
                                                                3+6+6

3. (a) What is Dublin Core Metadata Element Set? What is the difference between "simple ("Unqualified") and Qualified Dublin Core"? Briefly Explain the Dublin Core data model.
                               Or   3+6+6

      (b) What is "Cloud" computing? Explain its characteristics. Diagrammatically explain the work flow process used to build a digital library using Dspace software.   3+4+8

2016
Rabindra Bharati University
M. Lib. I. Sc. Second Semester Examination
Course – 206
(Information System Analysis and Design)

Full Marks-40   Time-2 Hours

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) 'close' and 'open' systems
   (b) Time and Motion study
   (c) Organizational Ergonomics
   (d) Critical path method

2. (a)(i) Assess the role of SWOT Analysis in a library with adequate examples.   8
      (ii) What is 'library consortia'? Describe the different types of library
   consortia.   2+5
                                           OR
2. (b)   (i) Do you agreed that there should exist a 'culture of assessment' in a
   library? Give reasons for answer.   8
            (ii) What is 'computer network'? Enumerate the salient features of
   network architecture.   2+5
3. (a)   (i) discuss various steps involved in implementing the total quality management (TQM) in an
   organization whit special reference to library and information centers.   8
            (ii) "Ergonomically correct chairs play an important role in enhancing working ability of the staff
   and users in a library". Explain the statement.   7
                                           OR
3. (b) (i) What is a 'data flow diagram' (DFD) ? what are its various
   elements? Enumerate the permissible directions of data flows.   2+2 ½+2+ ½
         (ii) Describe the evolution of the concept of Ergonomics from the "science which deals with
   designing the job to the worker" to the "scientific discipline conurned with the interaction among human
   and other and other element of a system".   8

2016

Rabindra Bharati University
M.Lib.I.Sc. Second Semester Examination
Course – 207
(Library Statistics and Informetrics)

Full Marks – 40   Time - 2 Hours

The figures in the right hand side margin indicate marks.

Answers **all** questions

1.   Write short notes on any two of the following: 5x2

   (a) Operations Research

   (b) Co-Citation Analysis
   (c) Bradford's law on Scattering of Scientific Literature
   (d) Co-efficient of "Range"

2. (a)   Following are the data relating to sales of books by a book-seller of any six days.

Daily Sales	0	10	20	30	40	50
Probability	0.01	0.20	0.15	0.50	0.12	0.02

Using the following random numbers 48, 78, 19, 51, 56, 77, 15, 14, 68, 09, simulate the sales for next 10 days. Find out the stock situation, if the book- seller decides to sell 30 books everyday. Also estimate the daily average sale of books on the basis of simulated data.   15

Or

2(b)   Briefly explain the concept of 'Citation' and 'Citation Analysis'. Discuss the various applications of 'Citation Analysis' in Library and Information Resource Management.   6+9

3(a)   Discuss,   in   brief,   the   concept   of   "Bibliometrics". Discuss how is library and Information Resources Management helped by Bibliometric study. Discuss in brief "Half Life" and "Obsolescence" of scientific literature.   4+6+5

Or

3(b)   What is 'Mean Deviation' and how is it calculated for a Discrete Series? Calculate the co-efficient of correlation from the following Data of two variables X and   Y :   7+8

X :   12   4   20   8   16

Y :   18   22   10   16   14