RABINDRA BHARATI UNIVERSITY

2017

M.Lib.I.Sc. Second Semester Examination

Course – 201

Information Economics and Knowledge Management

Full marks – 40 **Time – 2 Hours**

The figures in the right hand side margin indicate marks.

1.A. What is Knowledge Management? What are the function of Knowledge Management? Discuss the advantages of Knowledge Management in library of information centre. 3+6+6

Or

1.B. Define Knowledge Society. How does it differ from information Society? Discuss the role of information professionals in knowledge society. 3+5+7

2.A. What is 'Information Resources'? Discuss the importance of various types of information resources. 3+12

Or

2.B. What is Marketing? What are the functions of marketing? Discuss the need of marketing of library and information services. 3+4+8

2. Write short notes on any two of the following: 2X5

(a) Date Mining and Text Mining.

(b) Marketing Mix

(c) Tacit and Explicit Knowledge.

(d) Knowledge sharing.

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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: 5X2
   (a) Short communication.
   (b) Creative writing Vs technical writing.
   (c) Technical Editor's skills.
   (d) Software documentation.

2. A. Discuss the components that should form parts of an annual report of a library. 15

Or

2. B. Discuss the components that should form part of a library related research proposal. 15

3. A. What are the readability formulas? Are they necessary for technical writing? Justify. 10+5

Or

3. B. Show with examples how different types of documents are to be cited according to any style manual. 15

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M.Lib.I.Sc. Second Semester Examination

Course – 203

Information Processing (Practical)

Full marks – 40 **Time – 2 Hours**

The figures in the right hand margin indicate marks.

Answer ***all*** questions:

1. Construct class numbers for any five of the following subject descriptions using CC7 : 4X5

   (a) Mass and general theory of Relativity of Einstein.
   (b) Difference between radian and circle geometry.
   (c) Training and editing of 3D motion pictures.
   (d) Provident Fund scheme for the chief Executives in India.
   (e) Microscopy of chromosome structure.
   (f) Laser method of Artificial production of topaz in Europe.
   (g) Scene of moon in Japanese water colour painting.
   (h) 'Shakuntala' : an essay by Vidyasagar.

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

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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 MARC- 21.

   Container
   Evolution
   Geological Time chart.
   The historical record of life on earth becomes a simplified playing board for a fun educational game for science.
   By Paul F. Ploutz, Ed. D. ©copyright 1992.
   Athens, Ohio * Union Print Co.
   O.I. : One game in 37 X 39 X 4 cm box. It contains board, cards, four tokens, one dice, chips, glossary. It can be used by age group 10 years to 16 years. Game traces the development of life from algae to modern man.

Group – B

Prepare the main entry with tracing necessary 'Added Entries' as required for a dictionary catalogue according to AACR – 2R (1988).
Assign subject headings by Sear's List of subject Headings and mention the edition of the list used. 10

2. A. Title Page :

   A Favorite Waltz
   By
   Count Gallenburg
   Arranged by
   Robert Nicholas Charles Bochsa
   (1789 - 1856)
   Edited by Alice Lawson
   This edition is respectfully dedicated to Melanie Rogers.

San Anselmo * A. Lawson * © 1972
O.I. : Three pages of music. 28 cm.

Or

2. B. Information from map :

Living on the Edge

Produced by the Cartographic Division

National Geographic Society

Gilbert M. Grosvenor, President William L. Atten, editor, National Geographic Magazine.

John F. Shupe, chief Cartographer Washington, D.C., April 1996

Albers Conic Equal-Area Projection, Standard Parallels 20°30´ scale 1 : 2,380,000 or 1 inch – 38 miles. Elevation in feet, soundings in fathoms.

O.I. : One colour map of 57 X 93 cm. folded to 23 X 15 cm.

It includes text, cross section two graphs.

Group – C

3. Illustrate the steps in designing a thesaurus on any specific microsubject of your choice taking at least Thirty (30) terms [Internet may be used for them collection] 20

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RABINDRA BHARATI UNIVERSITY

2017

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
   (a) The Million Books Project
   (b) Federated and distributed searching
   (c) Open Metadata Registry.
   (d) 'Dump-down' principle.

2. A. (i) In a digital library system how will a library user benefit and in what ways will they suffer?
   (ii) What are the distinguish characteristics by which a digital library will be different from a traditional physical library?
   (iii) Discuss any two issues that affect the sustainability of an institutional repository. 5+4+6

2. B.(i) Mentions the basic principles to be followed for setting up a digital library.
   (ii) Mention various distribution terms and criteria for open source software.
   (iii) Briefly describe Kahn Wilensky architecture of digital library. 5+5+5

3. A.(i) What is 'handle system'?
   (ii) What is metadata harvesting and how does it work?
   (iii) Show with examples how OAI – PMH verbs work (ant three). 3+3+6

Or

3. B.(i) Describe OAI-PMH structure model.
   (ii) What are the basic feature of DOI?
   (iii) How is Dublin core metadata stored? 8+4+3

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2017

M.Lib.I.Sc Second Semester Examination

course – 206

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

(a) The terminators in DFD.

(b) Six Sigma in TQM.

(c) PERT and CPM.

(d) Human – computer interface.

2.A.(i) Discuss various characteristics of a library as an open system. 8

(ii) Discuss the fundamental goals of network design? What is network topology? 5+2

Or

2.B.(i) Briefly discuss the internal and external factors in SWOT Analysis. 7

(ii) Describe different type of library consortia and state the importance of E-Shodh Sindhu: consortium for Higher Education Electronic Resources.

3.A.(i) Explain the basic concepts of Total Quality Management (TQM) with special reference to internal and external customers. 10

(ii) What is meant by the term 'ergonomically correct furniture' with reference to modern libraries? 5

Or

3.B.(i) Do you agree that the satisfaction of the library users should always be the standard of the measure of performance of library system? Discuss. 7

(ii) State the structure, mission and goals of IEA (International Ergonomics Associaion) and discuss its contribution. 8

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M.Lib.I.Sc Second Semester Examination

Course – 207

Library Statistics and Informatrics

Full Marks – 40 **Time – 2 Hours**

The figures in the right hand margin indicate marks.

Answer all questions:

1. A.(a) The following data refer to the amounts (in Rs. 000) allotted for purchasing books by two libraries A and B over the last 5 years.

   A : 30, 32, 36, 38, 39

   B : 4, 19, 36, 53, 63

   Calculate the standard deviation

   (b) Obtain correlation coefficient from the following data.

X :	6	2	10	4	8
Y :	9	11	5	8	7

7+8

Or

1. B. What is Bibliometrics? Discuss its uses in Library Management. Explain in brief Lotka's Low and Zipf's Law. 7+8

2. A. Distinguish between bibliographic coupling and co-citation analysis. Briefly discuss the reasons why authors cite. 8+7

Or

2. B. What are primary and secondary Data sources? Discuss in brief the various methods of primary data collection with their pros and cons. 6+9

3. Write short notes on any two of the following: 5X2

   (a) Bradford, Slaw.

   (b) Impact Factor

   (c) Obsolescence and Half life

   (d) Hypothesis testing.

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