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 or 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

3. Write short notes on **any two** of the following: 2×5

(a) Date Mining and Text Mining.
(b) Marketing Mix.
(c) Tacit and Explicit knowledge.
(d) Knowledge sharing

2017
M. Lib.I.Sc. Second Semester Examination
Course 202
Content Design & 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) 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

2017
M. Lib.I.Sc. Second Semester Examination
Course 203
Information Processing (Practical)

Full Marks-40 Time--2 Hours

The figures in the right hand side margin indicate marks.

Answer **all** questions:

1. Construct class numbers for any five of the following subject descriptions using CC7: 4×5

(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 topazin Eourope.
(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

2017
M. Lib.I.Sc. Second Semester Examination
Course 204
Resource Description (Practical)

Full Marks-40 Time--2 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. 10

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.
0. I. One game in 37x39x4 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 AACRe2R (1988).
Assign subject headings by Sear's List of subjectHeadings and mention the edition of the list used. 10

2A. Tittle Page:

A Favorite Waltz
by
Count Gallenburg
Arranged by
Robert Nicholas Charles Bochsa
(17894856)
Edited by
Alice Lawson

This edition is respectfully dedicated to Melanie Rogers.
San Anselmo * A. Lawson * © 1972
0. I. Three pages of music. 28 cm.

Or

2. B. Information from map: 10

Living on the Edge
Produced by the Cartographic Division
National Geographic Society
Gilbert M. Grosvenor, President Willian 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' and 45°30' scale 1 : 2.380,000 or 1 inch - 38 miles. Elevation in feet, soundings in fathoms
0.1.: One colour map of 57x93 cm. folded to 23x15 cm.
It includes text, cross section two graphs.

Group - C

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

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: 5×2

(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 distinguishing 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

Or

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 metadate harvesting and how does it work?
(iii) Show with examples how OAI - PMH verbs work (**any three**). 3+6+6

Or

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

2017
M. Lib.I.Sc. Second Semester Examination
Course 206
Information System Analysis & 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) 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. 8

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 satisfactions 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 Association) and discuss its contribution. 8

2017
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 side 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 the 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 Zipfs 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: 5×2
(a) Bradford's law.
(b) Impact Factor.
(c) Obsolescence and Half life.
(d) Hypothesis testing.