RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.1
Foundation of Library and Information Science

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer *all* questions:

1. a) What do you mean by Academic Library? Describe the functions and services of a school library.   5+10

Or

   b) Discuss briefly the contribution of Rabindranath Tagore in the development of Library Enumerate Ranganathan's Five Law of Library Science. Elucidate briefly the implications of the first law or the fifth law of S.R.Ranganathan.   7+3+5

2. a) What is a Public Library? Briefly discuss the missions of Public Library as stated in the UNESCO Public Library manifesto.   5+10

Or

   b) Write briefly the functions of Library legislation. Mention the factors to be considered for preparing a Library legislation. Outline the salient features of West Bengal Public Libraries Act.   3+4+8

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

   a) The D.B. (Public Libraries) Act, 1954
   b) Objectives of LIS Education
   c) IASLIC
   d) Community Information Service

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RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.2
Library Organization and Administration

Full Marks – 40 **Time – 2 Hours**

The figures in the right margin indicate marks

Answer **all** questions:

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

   a) Acquisition of books
   b) Housekeeping operations
   c) The different sections of a Library's 'Annual report'
   d) Different between 'Library Organization ' and 'Library Administration'

2. a) " 'Preliminary plans' are the architect's graphic expression of the written 'programme' for the building."

   Elaborate the above statement with reference to three major steps in planning a library building. Why 'square' is considered as the best flexible space in a library? 9+6

   b) What so you mean by "Technical Section" of a library? What are the jobs performed in 'Technical Section' of a University Library? What are the different steps to be followed to prepare a book "ready for use"? 3+4+8

3. a) Why library rules are necessary? Discuss the salient features of the library rules. What are the powers and functions of library committee? What is the role of a librarian in such a committee? 3+5+4+3

Or

   b) Answer **any three** of the following: 5x3

   i.   What factors are to be considered while selecting furniture for a university library?
   ii.   Mention the advantages and disadvantages of 'custom built' furniture.
   iii. Explain the different types of library committee.
   iv.   Explain the role of a librarian in implementing library rules and regulations.
   v.   What are the main characteristics of a periodicals?

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RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.3
Classification Theory

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer *all* questions:

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

   a) Rounds and Levels of Categories
   b) Phoenix Schedule
   c) Fission and Agglomeration
   d) ISKO (International Society for Knowledge Organization)

2. a) What is the purpose of Library 'Classification Scheme'? State the salient features of UDC.   4+11

Or

   b) What do you mean by Mnemonics? Explain with examples various kinds of Mnemonics in classifications.   3+12

3. a) Distinguish between UDC and CC. Discuss the common auxiliaries of UDC.   7+8

Or

   b) Discuss the importance of canons of classification. Explain with examples any four canons of classification as enunciated by S.R.Ranganathan.   7+8

RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.4
Cataloguing Theory

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer **all** questions:

1.   Answer **any two** of the following: 5×2

   a) Dublin Core metadata Elements
   b) CIS and CIP
   c) Unit Card System
   d) Cooperative Cataloguing

2.   a) How do you distinguish the principal author from the other authors? What is the rule for making main entry heading when principal author is not indicated. Give example in support of your answer. Write briefly Canon of propotence and Canon of sought heading?

3+6+3+3

Or

   b) Define Catalogue Entry? Discuss different kinds of Catalogue entries? What are the different kinds of added entries? Illustrate them with suitable examples?   2+3+10

3.   a) What is a Catalogue Code? Why is it necessary? Trace the development of Catalogue Codes in the twentieth century.   2+3+10

Or

   b) What is indexing? How will you derive Specific Subject heading and subject reference entries following chain indexing system? Explain with an example.   3+12

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RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.5
Application of Info. Technologies in Libraries (Theory)

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer *all* questions:

1.   Write short note on *any two* of the following: 5×2

   a) Genesis of Internet
   b) Programming (software) tools
   c) TCP / IP
   d) Hierarchical data model

2.   a) Describe a computer organization using block diagram. Classify and define Networks based on various criteria. What is system software? Explain various types of algorithms with diagram. Convert $(25.625)_{10}$ into a binary number.   4+4+2+3+2

Or

  b) Describe with example various memory units of a computer. State various characteristics of a computer which may be useful in a library system. Briefly explain various types of 'Application Software' with examples. What is ASCII character encoding?
4+4+5+2

3. a) What are the basic purposes of database? Give four examples of bibliographic database. Explain the data definition language (DDL) with example. What are the advantages and disadvantages of bus topology?

4+2+5+4

Or

  b) Briefly mention various modules used in DBMS. Clarify 'phrase search' and 'truncation search' techniques with example. Briefly state the various technology used for Internet connection.   6+4+5

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RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.6
Classification (Practice-I)

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer ***any eight*** questions: 5×8

Construct the class numbers of the given titles following DDC 23rd edition. Show various steps involved in each case.

1. Samsad Englishi-Bengali dictionary.

2. Catalogue of European Ceramic art.

3. Education Programmes in Canada for Indian students.

4. Rearing of Punjabi Children in Canada.

5. Classification of books in Indian Music.

6. Foreign relation of Israel with Muslim dominated countries of Asia.

7. Forecasting of thunder storm in Darjeeling.

8. Elementary education in rural areas of the world.

9. Collection of Romantic poems in Bengali.

10. Independence and military history of Vietnam.

11. Political situation in non-aligned countries of Asia during 1960-69.

12. Migration to USA from South East Asian countries during 1950-1959.

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RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.7
Cataloguing (Practice-I)

Full Marks – 40   **Time – 2 Hours**

The figures in the right margin indicate marks

Answer *any four* questions:

Prepare the main entries with Tracing, necessary Reference entries and Headings (Access Points) for added entries as required for a Dictionary Catalogue according to AACR-2R (1988). Mention the edition of Sears List of Subject Headings used to assign subject headings.

1.   **T.P. :** Field work in Geography/ by/ I.B. Howard/ M.C. Stone/ Wilhelm Eigener/ M.R. Turner/ Roberta Puflin/ Second Edition, Revised/ Edinburgh/ Lucas Press/ 1913.

   O.I. : Size: 22 × 15.1 cm., Pages: 52 in Roman and 200 in Arabic. Contains illustrations, maps, tables and diagrams.

2.   **T.P. :** Government of Bengal/ Revenue Department/ Report on the Administration of Bengal/ 1930-31/ Calcutta/ Bengal, Secretariat Book Depot/ 1932.

   O.I. : Pages – 78, Size – 21.1 × 13.8 cm.

3.   **T.P. :** Racine and Shakespeare/ Stendhal/ Translated by Guy Daniels/ with a Foreword by Andre Maurois/ Crowell – Collier Press/ New York/ 1962.

   O.I. : Size – 22.4 × 18.5 cm., Pages – 321,

       The real name of Stendhal is known from other bibliographic sources is 'Marie Henri Beyle'.

4.   **T.P. :** Advances in Industrial Engineering, no. 16/ Quality through Engineering Design/ Edited by Way Kuo/ Elsevier/ Amsterdam – London – Tokyo/ 1993.

   B.T.P. : ISBN 0-44-489667-8

   O.I. : Pages – XIV. 460, Size – 22cm.

   The book contains charts, diagrams. At the end of the book Author Index and Keyword-Index are provided.

5.   **T.P. :** Man, culture and society/ by Prashant Purohit and S. Srinivas/ Edited H.P. Vidyalankar/ 1991/ 2nd edition/ Springer/ Berlin.

   O.I. : Pages – XX, 325, Size – 22 cm., ISBN 625-1-82635-2

6.   **আখ্যাপত্র :** ভারতের রাজনৈতিক কার্টুন চর্চা / সুমিত ঘোষ/ আনন্দ/ ২০১৩।

   আখ্যাপত্রের পিছন ভাগ : আই.এস.বি.এন ৯৭৮-৯৩-৫০৪০-২০৭-৮ ।

   অন্যান্য তথ্য: ১৮৮ পৃষ্ঠা।

   গ্রন্থমাপ : ১৪×১০ সেমি।

   বইটিতে সাদা কালো ছবি আছে।

RABINDRA BHARATI UNIVERSITY
2017
B.Lib.I.Sc. First Semester Examination
Course – 1.8
Application of IT in Libraries (Practice)

Full Marks – 40   **Time – 2 Hours**
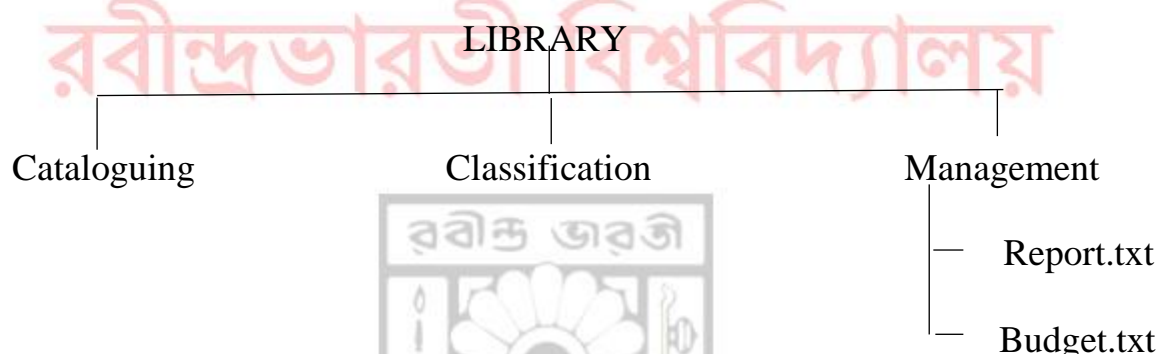
The figures in the right margin indicate marks

Answer *any four* questions:

1. Write MS-DOS commands to perform following tasks.   4+2+2+2
   a. Create following directories under C:\

   LIBRARY

   Cataloguing   Classification   Management

                                                      ─ Report.txt

                                                      ─ Budget.txt

   b. Write a DOS command for above directories name display by above structure (graphically) with files name.
   c. Write DOS command to copy the file 'report.txt' to the directory classification.
   d. Write a DOS command to remove the directory cataloguing.

2. Execute the following task using MS-DOS commands.   3+3+2+2

   a. Create the following directories name PHYSICS, CHEMISTRY and MATHEMATICS under c:\
   b. Create a file crystal.txt under PHYSICS and copy to MATHEMATICS directory.
   c. To remove the directory PHYSICS.
   d. To display file name under MATHEMATICS.

3. Execute the following tasks using Linux commands   3+5+2

   a. Create a file 'algebra' under a sub-directory Math which is under a directory SCIENCE whose content is as follows – Algebra is one of the broad parts of mathematics, together with number theory, geometry and analysis.
   b. Create a file 'geometry' under MATH and give the read, write and execute permission to 'algebra' for only group users.
   c. Cut both the files and paste under SCIENCE/MATH/ARITHMATIC.

4. Create a file in MS-Word. The file name should be your roll number. Write the steps to execute the following tasks in the above file.　10

Heading : Changing the Archetype of information Dissemination using open source Digital Library Technology.

Author : Shibu K.M.

Text : The word of ICT is changing rapidly. New technologies and new opportunities come and go at an ever-increasing speed. The Free and Open Souice Software (FOSS) movement is one such development that is drawing great attention among libraries and library professionals.

a. Set the page size to A4 with Times New Roman font in 12 points.
b. Create 1 inch margin on all sides.
c. Headings to be printed in 14 points (bold) and author in 10 points (bold) scale in center.
d. Make all the text bi-column and line spacing 'double'.

5. Mention the steps to be performed for the following tasks in MS-Access.　5+5

　　a. Create a database named as 'Student Directory' with the fields Name, Contacts No., Email ID, Blood Group and Year of Pass out.

Name	Contact No.	Email ID	Year	Blood Group
Atanu Maity	9836100100	atanu@gmail.com	2009	A+
Aditi Das	7278552210	aditi@gmail.com	2005	A-
Souvik Malik	6278524519	malik@gmail.com	2007	A+
Sreya Ghoshal	5967285678	sreya@gmail.com	2009	B+
Trisha Das	5798523176	das@gmail.com	2005	A+

　　b. Design query for :
　　　　i. How many students have blood group A+?
　　　　ii. To find those students with all information whose name begins with the letter 'A'.

6. How to search the following queries in the internet using Google search engine.　5+5

a) Information on 'Biological Viruses' Not 'Computer viruses'.
b) Information on 'Septicemia'
　　　　Language – English
　　　　Country – India
　　　　File type – pdf.

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