

# RABINDRA BHARATI UNIVERSITY

2019

## 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 hand side margin indicate marks.

1. Answer **any ten** of the following questions: 1 X 10
  - i. In which year 'Delhi Public Library' was established?
  - ii. Write the full form of UAP.
  - iii. What are the main sources of finance of a school library?
  - iv. Name the state that first enacted Public Library Act in India?
  - v. Calcutta Public Library was established in which year?
  - vi. The National Library Act was passed in which year?
  - vii. RRRLF was established in which year?
  - viii. Who was the first librarian of the National Library, Kolkata?
  - ix. In which year was DB Act passed?
  - x. What was the full form of IASLIC?
  - xi. Write the full form of IFLA.
  - xii. What is the full form of LISA?
2. Write short notes on **any two** of the following : 5X2
  - i. Mission of Public Library according to UNESCO Public Library Manifesto.
  - ii. Extension services in a Public Library.
  - iii. Role of Library Association in Library development.
3. Answer **any two** of the following questions:
  - i. Answer **any two** of the following questions:
  - ii. Mention the Five Laws of the Library Science. Explain the implications of the 1<sup>st</sup> or 2<sup>nd</sup> Law. 3+7
  - iii. Define 'special library'. Discuss the collection and services of a special library. 2+4+4
  - iv. Discuss the needs of a Public Library Act. Describe the factors and components to be considered while drafting a Public Library Bill. 3+7

### Course - 1.2

### Library Organization and Administration

Full Marks - 40

Time - 2 Hours

The figures in the right hand side margin indicate marks.

1. Answer **any ten** of the following questions: 1 X 10
  - i. "The best reading for the largest number at the least cost" - Who said it?
  - ii. Mention two functions of the maintenance unit of a library?
  - iii. What do you mean by 'Bespoken books'?
  - iv. Which official document acts as a 'Legal document' for a library?
  - v. State two functions of 'Collection mapping'.
  - vi. What is the other name of 'Architectural Space'?
  - vii. State two essential points to be included in library rules for an academic library.
  - viii. Mention **any two** tools for selection of journals in a library.
  - ix. Name the shelving arrangement when oversized books, reference books and other kinds of materials are shelved separately from the main stack.
  - x. Mention two problems of procurement of books in different Indian languages.

- xi. Write the names of two records to be maintained at the acquisition section.
- xii. Write the names of two different types of library committee.

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

5X2

- i. Weeding out of books
- ii. Core areas in a library
- iii. Accessioning of books in a library

3. Answer **any two** of the following questions:

- i. What is meant by 'Flexibility' in the context of a library? Mention the characteristics of a 'flexible library'. Give appropriate reasons as to why 'square' is considered to be the best flexible space in library.  
2+4+4
- ii. Elucidate the necessity of 'Library Committee'. In this context, state the powers and functions of library committee. What are the responsibilities of the librarian towards the library committee? 3+5+2
- iii. Name any five sections of University library. Mention the core functions of a 'Circulation Section'. Discuss any one charging system known to you.  
3+3+4

### Course - 1.3 Classification (Theory)

Full Marks - 40

Time - 2 Hours

The figures in the right hand side margin indicate marks.

1. Answer **any ten** of the following:

1X10

- i. Name of a book written by S.R. Ranganathan on Library Classification.
- ii. Define 'Facet'.
- iii. What is the 'characteristic' in the context of library classification?
- iv. What do you mean by 'Class number'?
- v. Who has developed 'Bibliographic Classification'?
- vi. What is known as 'accident' in the process of classification?
- vii. Give an example of complex subject.
- viii. Name modern subjects which falls within the division 'Karma' in Vedic System of Classification?
- ix. State an example of 'Purely Enumerative Classification Scheme'.
- x. Mention a Canon for chain.
- xi. Give an example of 'Speciator kind 2'.
- xii. What is the equivalent term of 'class' in Verbal Plane?

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

5X2

- i. Laws of Interpretation
- ii. Loose Assemblage
- iii. Freely Faceted Classification

3. Answer **any two** of the following questions:

10X2

- i. Describe 'cossco' relations with appropriate examples. Illustrate the concept of Filiatory Sequence with the help of a diagram.  
4+6
- ii. Enumerate different species of classification scheme known to you with examples. Distinguish between Rigidly Faceted and Freely Faceted Classification scheme.  
8+2
- iii. What are the different kinds of Mnemonics? Explain scheduled mnemonics with appropriate examples.  
6+4

**Course – 1.4**  
**Cataloguing (Theory)**

**Full Marks – 40**

**Time – 2 Hours**

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

1. Answer **any ten** of the following: 1X10
  - i. Who did formulate 'canons of cataloguing'?
  - ii. Who is the publisher of Sears List of Subject Heading?
  - iii. What is WebOPAC?
  - iv. What is analytical entry?
  - v. What is dictionary catalogue?
  - vi. What is the full form of RDA?
  - vii. Define library catalogue.
  - viii. What is unit card system?
  - ix. What is Canon of Sought Heading?
  - x. From which year 13 digit ISBN was introduced?
  - xi. In AACR 2 serials are described in which chapter of which part?
  - xii. Which national agency in India assigns the ISBN?
2. Answer **any two** of the following questions: 5X2
  - i. Write short notes on accession register and shelflist.
  - ii. Differentiate among Library Catalogue, Bibliography and publisher's catalogue.
  - iii. Explain 'Canon of Prepotence'.
3. Answer **any two** of the following questions: 10X2
  - i. Discuss the principles behind Sears's list of Subject Headings.
  - ii. Explain the pros and cons of different physical forms of library catalogue
  - iii. What is Union Catalogue? Discuss the need for compilation Union Catalogue.

**Course – 1.5**

**Application of Int. Tech. in libraries Theory**

**Full Marks – 40**

**Time – 2 Hours**

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

1. Answer **any ten** of the following: 1X10
  - i. What is the name of India's first super computer?
  - ii. Write the full form of MIPS?
  - iii. Convert binary 10110.101 to its decimal equivalent.
  - iv. What is haptic?
  - v. What is full form of GIGO?
  - vi. What is Baud?
  - vii. What is RJ45 Connector?
  - viii. Write full form of https.
  - ix. Give examples of two popular ISP.
  - x. What is trash folder in e-mail?
  - xi. What is optical fibre cable?
  - xii. Give one example each of enterprise operating system and open source operating system.

2. Write short notes on **any two** of the following questions: 5X2
- Analog and digital communication.
  - Difference between WWW and internet.
  - Relation Data Model.
3. Answer **any two** of the following questions: 10X2
- (a) What is coaxial cable? Elucidate essential features of twisted pair cable?  
(b) Why DBMS is useful? What is data definition language? (DDL)
  - (a) Define various protocols used in Internet  
(b) Using Boolean logic and Venn diagram explain various search strategies with example.
  - (a) What is ROM? Point out it's features.  
(b) Point out the main features of **any three** popular high level programming languages.

**Course – 1.6**  
**[Classification (Practical – I)]**

**Full Marks – 40**

**Time – 2 Hours**

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

Construct the class numbers of **any eight titles** following DDC 23<sup>rd</sup> edition. Show various steps involved in each case.

5X8

- A study of Agricultural education system in Common Wealth Countries.
- Collection of Hindi fiction written by Women.
- Job opportunities in Library and Information profession in India.
- Judiciary system in India and USA. A Comparative Study.
- Application of Green fertilizers to Cotton Crop.
- X-ray diagnosis of mouth cancer.
- Pronunciation of words in Sanskrit Language.
- Foreign relation of Israel and Muslim dominated countries of Asia.
- Samsad English to Bengali Dictionary.
- 'Pather Panchali' by Bibhuti Bhushan Bandopadhyaya.
- History of India during the period of Indira Gandhi.
- Ethics of Husband-Wife relationship.

**Course – 1.7**  
**[Cataloguing (Practical – I)]**

**Full Marks – 40**

**Time – 2 Hours**

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

Answer **any four** questions :

10x4

Prepare the main entries with tracing according to AACR-2R (1988). Prepare necessary Reference entries and Heading (Access points) for added entries as required for a Dictionary Catalogue. Mention the edition of Sears List Heading used.

**Abbreviations used :**

**T.P.** – Title Page   **H.T.P.** – Half Title Page   **B.T.P.** – Back of the Title Page   **O.I.** -- Other Information

1. **T.P.** : STATISTICS FOR BIO-INFORMATICS/METHODS FOR SEQUENCE ALIGNMENT/BY JD THOMPSON/EDITED BY DANIEL WALLER/ISTE PRESS/LONDON.

**B.T.P.** : This Second Edition was published in 2017. ISBN 9-781785-48216-8; Price \$95.00 ; Accession no. 65 138.

**O.I.** : Series information : Statistics for Bioinformatics Set / no. 3. It has eight preliminary pages in Roman and three hundred thirty textual pages numbered in Arabic numbers. The height of the book is 24cm. At the end of each chapter there are 10 Bibliographical References.

2. **T.P.** : FOOTSTEPS BEHIND ME/BY ANTHONY GILBERT/COLLINS CLEAR PRESS/LONDON/1995.

**B.T.P.** : Series information : 'CRIME CLUB SERIES/ No. 23'

**O.I.** : There are fourteen preliminary pages in Roman and one hundred and twenty three textual page in Arabic numbers. The height of the book is 19.6cm.

**Note:** The real name of the author is Lucy Malleon. However, the author is predominantly known by her pseudonym.

3. **T.P.** : THE HOLY BIBLE/CONTAINING THE OLD AND NEW TESTAMENTS/IN THE AUTHORISED VERSION/EDITED BY JOSEPH SMITH/REGAL PUBLISHERS/NASHVILLE.

**B.T.P.** : Copyright 1975 ; ISBN : 0-13-047450-x.

**O.I.** : At the cover of the book, it is mentioned that the book is "Sacred Scriptures ; no 13". The book has sixteen preliminary pages followed by eight hundred sixty three textual pages in Arabic numerals. There are 14 coloured illustrations in this book. Size 29 cm.

4. **T.P.** : INFORMATION LITERACY/ESSENTIAL SKILLS FOR THE INFORMATION AGE/BY MICHAEL B. EISENBERG/CARRIE A. LOWE/ KATHLEEN L. SPITZER/FOREWARD BY PATRICIA S. BREVIK/2<sup>ND</sup> EDITION. RAIN TREE PUBLISHING/2015.

**O.I.** : This book has thirteen preliminary pages in Roman and six hundred eighty textual pages in Arabic numerals. Bibliographical References appear on pages 676-680. The height of the book is 23.4cm. ISBN 1-59158-143-5; Price Rs. 950/- and Acc no.27584.

5. আখ্যাপত্র : সংসদ বাংলা অভিধান / শৈলেন্দ্র বিশ্বাস কর্তৃক সংকলিত / শ্রী দীনেশ চন্দ্র ভট্টাচার্য কর্তৃক সম্পাদিত ও সংশোধিত / সাহিত্য সংসদ / কলিকাতা ।

আখ্যাপত্রের বিপরীত পৃষ্ঠা : ৪র্থ সংশোধিত ও পরিবর্তিত সংস্করণ ২০০৫ । প্রকাশক : শিশু সাহিত্য সংসদ প্রাইভেট লিমিটেড ।  
অন্যান্য তথ্য : প্রারম্ভিক পৃষ্ঠা ১৫ এবং মূল পৃষ্ঠা আটশত বাহাত্তর । উচ্চতা ২৪.২ সেমি। আই.এস.বি.এন. : ০- ৭৩৮২-০২৯৬-৭ ।

6. FOLKLORE RESEARCH JOURNAL/ VOLUME 5, NO. 1, January 1998/ Folklore Institute and Oral History Research Centre/ London.

**O.I.** : Frequently Quarterly/ Still being published and library is subscribing to the Journal . Library has all the volumes of this Journal except vol. 5 no. 2/ height 27.5cm/ It succeeds Folklore Institute Journal which was started in the year 1974 and continued upto December 1993. No volume was published in the year 1986. Library has all the volumes of this Journal except volume no. 7. Frequency was bimonthly earlier. ISSN 0737-7037.

## Course - 1.8

### Application of Int. Tech. in Libraries (Practical)

Full Marks - 40

Time - 2Hours

The figures in the right hand side margin indicate marks.

1. Answer **any ten** questions :

1X10

- How do you run a program from a desktop icon with the mouse?
- Show the short cut for copying data to the clipboard?
- Show which key can be used to open the start menu?
- Create a bookmark for a website?
- Show which button should be used in order to align left in Libre Office?
- Show which menu should be used in order to change the existing Hyperlink in Libre Office?
- Show the list the contents of one or more directory in MSDOS.
- Show how to remove an empty directory in MSDOS
- Show how to deletes a directory in Linux.
- Show how to lists files and directories with detailed information in linux.
- Show how to make field search in Google.
- Show how to check already visited sites in Internet during last week.

2. Answer **any three** questions.

3x10

- i. Using MSDOS make a Directory 'BLIS' under D:. Create a sub directory 'SEMI' under 'BLIS' directory. Create a file with name '2019' with content 'Today is my BLIS Sem 1, 2019 computer Practical examination'. Save this file into 'SEMI' directory.
- ii. Create a database using MS Access for Library transaction with following fields-
- Trans-id
  - Accn-No
  - Member-id
  - Issue-date
  - Return-date
- Enter five valid record into it.
- iii. Search the following queries from the database as created in Q. no. ii. (write SQL Syntax or steps from search wizard).
- (a) Show all transaction
  - (b) Transaction in a particular date.
  - (c) all issues
  - (d) all returns
  - (e) issue or return of a particular member.
- iv. Search Internet and find the following results with less recall and highest precision value.  
(Show the method of searching and give reference/source)
- a) Research on ornithology in India and Bangladesh.
  - b) Most popular Bengali novel writer in terms of book selling.
  - c) Number of public libraries in Southeast Asia.
  - d) Total number of PhD thesis on Profession and professionalism submitted in Indian Universities.
  - e) Various scholarships and aids for girl students provided by the Govt, of West Bengal (Give number and Sources.)



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