**PG Odd Semester (CBCS) Examination,
December—2013**

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LIS–103 (C)

(Knowledge Organisation—I :
Library Cataloguing)

Full Marks : 75

Pass Marks : 30

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

1. *(a)* What do you understand by the term
   library catalogue?   5

   (b) Describe the needs and functions of the
   library catalogue, as detailed by C. A.
   Cutter and Dr. S. R. Ranganathan.   10

(*Turn Over*)

OR

2. (a) What do you mean by the term physical form of library catalogue? 5

   (b) Discuss the various types of physical form of library catalogue with their advantages and disadvantages. 10

3. (a) Define simplified, centralised and cooperative cataloguing with suitable examples. 7½

   (b) Discuss the importance of union catalogue in resource sharing in the context of the role of INFLIBNET Centre for promoting the use of union catalogue. 7½

OR

4. (a) Differentiate between centralised and cooperative cataloguing. 8

   (b) Explain the importance of online cataloguing in the context of the role of OCLC in this regard. 7

5. (a) What do you mean by catalogue entries? 5

   (b) Discuss the various types of catalogue entry and their functions with suitable examples. 10

OR

6. (a) Discuss the concept of subject cataloguing and write its objectives. 7

   (b) Discuss the various methods of deriving subject heading with the help of suitable examples. 8

7. (a) Discuss the meaning and importance of normative principles of cataloguing. 7

   (b) How many types of canon of cataloguing are available? Discuss canon of ascertainability and canon of recall value with examples. 8

OR

8. (a) Discuss the various laws of library cataloguing in brief. 8

   (b) How do these laws of library cataloguing help the library users? Discuss. 7

9. (a) What do you understand by the term metadata? 7

   (b) Discuss the importance of metadata for electronic documents. 8

OR

10. Write short notes on any *two* of the following : 7½×2=15

    (a) Emerging trends in library cataloguing

    (b) ISBD

    (c) Need for standardisation in library cataloguing

    (d) Chain procedure for deriving subject headings

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PG Odd Semester (CBCS) Exam., December—2017

. LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LSCC–103

(Information Technology)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Discuss the basic organization of a computer system and explain the functions of various units of a computer system. 7+7=14

2. Discuss the tricks and techniques to keep your personal computer healthy. 14

(*Turn Over*)

3. Explain the features of Linux operating system with examples from Ubuntu Linux. 14

4. Define algorithm and flowchart with an example. Discuss the advantages of flowchart. 10+4=14

UNIT—III

5. Define application software. Discuss the various types of application softwares with suitable examples. 4+10=14

6. What do you mean by DTP? Discuss its advantages over traditional publishing. 7+7=14

UNIT—IV

7. Define network topology. Explain various network topologies with diagrams. 4+10=14

8. Explain the significance of 'protocols' and 'standards' in the functioning of computer networks. 14

UNIT—V

9. Define database management systems. Explain the hierarchical database model. 7+7=14

10. Write short notes on any *two* of the following : 7×2=14

   (a) Data Definition Language

   (b) Standard DBMS Packages

   (c) Application of DBMS

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PG Odd Semester (CBCS) Exam., December—2016

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LBSCC–103

(Information Technology)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks
for the questions

UNIT—I

1. Define information technology. Explain how information technology is affecting our lives with examples.   5+9=14

OR

2. Classify computers according to purpose, types of data handled and capacity.   14

UNIT—II

3. What do you mean by storage devices? Discuss the various storage devices currently in use.   5+9=14

OR

4. Define operating system. Explain the role and functions of operating system.   5+9=14

UNIT—III

5. What do you mean by application software? Explain the various types of application softwares with examples.   5+9=14

OR

6. What do you mean by library management software? Discuss the features of a library management software you are familiar with.   5+9=14

UNIT—IV

7. What is computer networking? Explain the need and purpose of computer networking.   5+9=14

OR

8. What is TCP/IP? Explain the role of TCP/IP in computer networking.   5+9=14

UNIT—V

9. Define DBMS. Explain the need and use of DBMS.   5+9=14

OR

10. Write short notes on any *two* of the following :   7×2=14

    (a) SQL

    (b) Data manipulation language

    (c) Entity relationship model

    (d) Relational data model

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PG Odd Semester (CBCS) Exam., December—2015

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LISC–103

(**Information Communication Technology**)

(New Course)

Full Marks : 70
Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks
for the questions

Answer **five** questions, choosing **one** from each Unit

UNIT—I

1. What is computer technology? Discuss various computer generations along with the key characteristics of the computers of each generation. 4+10=14

2. What do you mean by classification of computers? Discuss various types of computer along with their advantages and disadvantages. 4+10=14

UNIT—II

3. What are different types of memory available in the computer system? How are they organized in a hierarchy? 7+7=14

4. What is an operating system? Explain the functions of an operating system with examples. 7+7=14

UNIT—III

5. What do you understand by the term 'software'? Explain the difference between 'systems software' and 'application software'. 7+7=14

6. Mention the name of some of the important library management softwares and discuss the utility of different modules of SOUL software. 14

UNIT—IV

7. What do you mean by computer network? Explain various types of computer network. 4+10=14

8. What is multiplexing? Explain the concepts of frequency and bandwidth. 7+7=14

UNIT—V

9. Define DBMS. Discuss the salient features of DBMS. 7+7=14

10. Write short notes on any *two* of the following : 7×2=14

   (a) Relational data model

   (b) Computer programming

   (c) DBMS applications

   (d) Multimedia applications

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PG Odd Semester (CBCS) Exam., December—2015

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LIS–103 (C)

[Knowledge Organization (Theory—I)
Library Cataloguing]

Full Marks : 75
Pass Marks : 30

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, choosing **one** from each Unit

UNIT—I

1. *(a)* What do you understand by library catalogue? Why is it essential for library? 7

   (b) Discuss various physical forms of catalogue with their advantages and disadvantages. 8

(Turn Over)

2. *(a)* Describe the objectives, needs and functions of the library catalogue. 7½

(b) Briefly discuss various inner forms of library catalogue. 7½

UNIT—II

3. *(a)* What do you mean by union catalogue? 5

(b) Differentiate between centralized catalogue and cooperative catalogue. 10

4. *(a)* Discuss the importance of on-line cataloguing. 7½

(b) How does cataloguing-in-publication (CIP) helps library in cataloguing practices? 7½

UNIT—III

5. *(a)* What do you mean by catalogue entries? 5

(b) Explain the function of main and added entries with suitable examples as per AACR–IIR. 10

6. *(a)* Define subject cataloguing. Discuss its objectives and function. 7½

(b) Discuss chain procedure method for deriving subject headings taking examples of CC and DDC. 7½

UNIT—IV

7. *(a)* What do you understand by normative principles of library cataloguing? 7½

(b) Briefly explain the canons of library cataloguing. 7½

8. *(a)* What do you mean by laws of library cataloguing? 7½

(b) How do these laws assist the library users and cataloguers? 7½

UNIT—V

9. *(a)* Explain the needs of standardization in library cataloguing. 5

(b) Describe any two cataloguing standards which are being used for cataloguing of printed and e-resources. 10

OR

10. Write short notes on any *two* of the following : 7½×2=15

(a) ISBD

(b) MARC format for data capturing

(c) Copy cataloguing

(d) Emerging trends in library cataloguing

★ ★ ★

2015/ODD/15/37/LIS–103(C)/611

PG Odd Semester (CBCS) Exam., December—2015

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LIS–103 (C)

[Knowledge Organization (Theory—I) Library Cataloguing]

Full Marks : 75

Pass Marks : 30

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, choosing **one** from each Unit

UNIT—I

1. *(a)* What do you understand by library catalogue? Why is it essential for library? 7

   (b) Discuss various physical forms of catalogue with their advantages and disadvantages. 8

2. (a) Describe the objectives, needs and functions of the library catalogue. 7½

   (b) Briefly discuss various inner forms of library catalogue. 7½

UNIT—II

3. (a) What do you mean by union catalogue? 5

   (b) Differentiate between centralized catalogue and cooperative catalogue. 10

4. (a) Discuss the importance of on-line cataloguing. 7½

   (b) How does cataloguing-in-publication (CIP) helps library in cataloguing practices? 7½

UNIT—III

5. (a) What do you mean by catalogue entries? 5

   (b) Explain the function of main and added entries with suitable examples as per AACR–IIR. 10

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   (b) Discuss chain procedure method for deriving subject headings taking examples of CC and DDC. 7½

UNIT—IV

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   (b) Briefly explain the canons of library cataloguing. 7½

8. (a) What do you mean by laws of library cataloguing? 7½

   (b) How do these laws assist the library users and cataloguers? 7½

UNIT—V

9. (a) Explain the needs of standardization in library cataloguing. 5

   (b) Describe any two cataloguing standards which are being used for cataloguing of printed and e-resources. 10

OR

10. Write short notes on any *two* of the following : 7½×2=15

    (a) ISBD

    (b) MARC format for data capturing

    (c) Copy cataloguing

    (d) Emerging trends in library cataloguing

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PG Odd Semester (CBCS) Exam., December—2014

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LIS–103 (C)

(Knowledge Organisation—I : Library Cataloguing)

Full Marks : 75
Pass Marks : 30

Time : 3 hours

The figures in the margin indicate full marks
for the questions

UNIT—I

1. *(a)* Define library catalogue. 5

   (b) Describe the objectives, needs and
   functions of the library catalogue. 10

OR

2. *(a)* What do you mean by the term inner
   forms of catalogue? 5

(b) Discuss the various inner forms of library catalogue with suitable examples. 10

UNIT—II

3. (a) What do you mean by the terms simplified, centralized and cooperative cataloguing? 7

(b) Discuss the utility of online catalogue for a modern university library. 8

OR

4. (a) What do you mean by union catalogue? 5

(b) How does cataloguing-in-publication (CIP) help library professionals to prepare library catalogue for a college or university library? 10

UNIT—III

5. (a) What do you mean by subject cataloguing? Discuss its objectives and functions. 8

(b) Discuss briefly the various methods of deriving subject heading. 7

OR

6. (a) Describe the salient features of AACR-II R to draw main and added entries with suitable examples. 8

(b) Discuss the chain procedure for deriving the subject headings with few examples from CC and DDC. 7

UNIT—IV

7. (a) What do you mean by the term normative principles of library cataloguing? 5

(b) Discuss the canons of library cataloguing with suitable examples. 10

OR

8. (a) Discuss the various laws of library cataloguing in brief. 7

(b) How these laws are helpful in solving the problems arising out of conflicts while making catalogue of monograph and serials? 8

UNIT—V

9. *(a)* Discuss the CCF and MARC formats for data capturing.   7

    (b) Discuss the role of INFLIBNET for developing union catalogue using CCF and MARC formats.   8

OR

10. Write short notes on any *two* of the following :   7½×2=15

    (a) Physical forms of library catalogue

    (b) Metadata

    (c) Copy cataloguing

    (d) OPAC and Web OPAC

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M–13/15/35/LIS–204 (C)/039

2 0 1 3

PG Even Semester Exam., May—2013

LIBRARY AND INFORMATION SCIENCE

Course No. : LIS–204 (C)

(Information Communication Technology Applications)

Full Marks : 37½

Pass Marks : 15

Time : 2 hours

The figures in the margin indicate full marks for the questions

Answer **three** questions, taking **one** from each Unit

UNIT—I

1. *(a)* Define communication technology. 5

    (b) What are the components of communication technology? 10

2. *(a)* Discuss the different data transmission techniques. 7

    (b) What are the various services and applications of Internet? Discuss. 8

UNIT—II

3. *(a)* What are the different storage devices? Discuss in the light of developments that have taken place in the present era.   8

(b) Explain the merits and demerits of both print and non-print media.   7

4. *(a)* What do you mean by e-archiving? Discuss.   5

(b) Discuss different components and features of multimedia.   10

UNIT—III

5. Write a short note on any *one* of the following :   7½

(a) Database models

(b) Data definition language

(c) E-R model

★★★

PG Even Semester (CBCS) Exam., May—2017

LIBRARY AND INFORMATION SCIENCE

(2nd Semester)

Course No. : LISCC–204

(Information Sources and Services)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Define information sources. Explain the comparison of secondary and tertiary sources of information with suitable examples. 4+10=14

2. Describe the importance of reference sources. Highlight the features of reference sources in the field of science and technology. 4+10=14

(Turn Over)

UNIT—II

3. What do you understand by long-range reference service? Give its importance. How is it different from recent trends in information services? 3+4+7=14

4. Give the salient characteristics of current awareness service. How is it different from selective dissemination of information provided by university libraries and special libraries? 5+9=14

UNIT—III

5. Define the specific characteristics of user education. Describe in detail the computerized information search techniques in providing users services. 4+10=14

6. What do you understand by abstracting services? Explain its usefulness. Describe the features of Indian Science Abstracts. 3+4+7=14

UNIT—IV

7. Describe the meaning and scope of encyclopaedia. Discuss the various features of Encyclopaedia Britannica. 7+7=14

8. Differentiate with proper examples between directory and year book. Examine the evaluation criteria for selection of any directory for your library. 6+8=14

UNIT—V

9. What do you understand by geographical source? Explain the evaluation criteria of a particular geographical source being purchased for your particular library. 4+10=14

10. Write short notes on any *two* of the following : 7×2=14

(a) Biographical sources

(b) Features of a handbook

(c) News summaries

(d) Indian National Bibliography

★ ★ ★

2014

PG Even Semester Exam., May—2014

LIBRARY AND INFORMATION SCIENCE

Course No. : LIS–204 (C)

(Information Communication
Technology Applications)

Full Marks : 37½
Pass Marks : 15

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **three** questions, taking **one** from each Unit

UNIT—I

1. *(a)* Define Information Communication Technology. Discuss its application in library and information services and housekeeping operations. 10

    (b) Discuss the concept and types of computer networks and topologies. 5

2. *(a)* What do you understand by the terms Internet and Intranet? 5

(Turn Over)

(2)

(b) Discuss various tools and services of Internet which may be used for providing library services. 10

UNIT—II

3. (a) Discuss the development of storage technologies and devices used for data storage/preservation in library. 8

(b) Discuss the concept of desktop publishing and e-publishing in the context of Internet and WWW. 7

4. (a) What do you understand by print and non-print media? Discuss with examples. 8

(b) Discuss the concept and usefulness of e-archiving in preservation and conservation of e-resources. 7

UNIT—III

5. (a) What do you understand by database and database management system? 4

(b) Discuss the usefulness of database management systems (DBMS) software for creation of library databases. 3½

(3)

6. Write a short note on any *one* of the following : 7½

(a) Database models

(b) Structured query language (SQL)

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PG Even Semester (CBCS) Exam., May—2016

LIBRARY AND INFORMATION SCIENCES

Course No. : LIS–204 (C)

(Information Technology Application)

Full Marks : 37½

Pass Marks : 15

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **three** questions, taking **one** from each Unit

UNIT—I

1. What do you mean by data transmission? Explain various data transmission techniques.   5+10=15

2. What do you mean by computer networking? Explain various networking tools and architecture.   5+10=15

UNIT—II

3. What is nonprint media? Mention various types of nonprint media.   5+10=15

4. Define e-publishing. Discuss various e-publishing models.   5+10=15

UNIT—III

5. Explain the concept of database management system.   7½

6. Write a short note on any *one* of the following :   7½

   (a) Data manipulation language

   (b) Desktop publishing

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2016/EVEN/15/37/LIS–204 (C)/158

PG Even Semester (CBCS) Exam., May—2016

LIBRARY AND INFORMATION SCIENCES

Course No. : LIS–204 (C)

(Information Technology Application)

Full Marks : 37½
Pass Marks : 15

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **three** questions, taking **one** from each Unit

UNIT—I

1. What do you mean by data transmission? Explain various data transmission techniques. 5+10=15

2. What do you mean by computer networking? Explain various networking tools and architecture. 5+10=15

Unit—II

3. What is nonprint media? Mention various types of nonprint media.   5+10=15

4. Define e-publishing. Discuss various e-publishing models.   5+10=15

Unit—III

5. Explain the concept of database management system.   7½

6. Write a short note on any *one* of the following :   7½

   (a) Data manipulation language

   (b) Desktop publishing

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PG Even Semester (CBCS) Exam., May—2016

LIBRARY AND INFORMATION SCIENCE

(Open Course)

Course No. : LISOC–204

(Reference, Information Sources and Services)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. What do you mean by reference sources? Explain with appropriate examples the conditional criteria for categorizing the documents into primary, secondary and tertiary sources.   4+10=14

2. Distinguish between documentary and non-documentary sources of information. Describe elaborately the non-documentary sources of information with examples. 4+10=14

(2)

UNIT—II

3. Assuming yourself as reference librarian at ISRO, Bangalore, how would you provide long-range reference service and short-range reference service in the context of PSLV–5 launch query from Mr. Vikash?   4+3+7=14

4. Mr. *X* is new user to your library. Provide an orientation on various general anticipatory and specific on demand CAS and SDI services offered to user.   4+3+7=14

UNIT—III

5. Explain the meaning, needs and importance of bibliographic control. Examine the role of INB in bibliographic control in India.   7+7=14

6. Describe the meaning and usefulness of indexing and abstracting services in research libraries. Explain the role of LISA in the field of library and information science.   3+4+7=14

UNIT—IV

7. Define dictionary. Describe various factors to be considered in evaluation of Oxford Advanced Learners Dictionary of Current English, new 8th edition.   4+10=14

(Continued)

(3)

8. Mention different types of Encyclopaedia. Examine the evaluation criteria for selection of any Encyclopaedia into your library collection. Explain the features of Britannica Encyclopaedia, 15th edition–2010.   3+4+7=14

UNIT—V

9. What are different types of biographical sources? Explain the evaluation criteria of *Playing it My Way—My Autobiography,* by Sachin Tendulkar and Bora Majumdar. 7+7=14

10. Write short notes on any *two* of the following :   7×2=14

   (a) Directories

   (b) Yearbooks and Almanacs

   (c) Geographical sources

   (d) Handbooks and Manual

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PG Even Semester Exam., May—2015

LIBRARY AND INFORMATION SCIENCE

Course No. : LIS–204 (C)

(Information Communication Technology Application)

Full Marks : 37½

Pass Marks : 15

Time : 2 hours

The figures in the margin indicate full marks for the questions

Answer **three** questions, taking **one** from each Unit

UNIT—I

1. *(a)* What do you mean by tele-communications? Describe the components of a telecommunication system. 3+7=10

   (b) Differentiate between analog trans-mission and digital transmission. 5

2. *(a)* What do you mean by electrical communication? Explain the various media used in electrical communication and their advantages and disadvantages. 3+7=10

(*Turn Over*)

(b) Explain the importance of bandwidth in modern communication systems. 5

UNIT—II

3. *(a)* What do you mean by print media? Discuss the different products of print media and their usefulness in human communication. 3+7=10

(b) Write a note on 'human endeavour in search of media'. 5

4. *(a)* Define non-print media. Explain the reasons for the advent of non-print media. 3+7=10

(b) Explain the concept of multimedia and hypermedia. 5

UNIT—III

5. Define DBMS. Discuss the areas where database systems are applied. 3+4½=7½

6. Write a short note on any *one* of the following : 7½

(a) Entity Relationship Model

(b) Data Definition Language

★ ★ ★