PG Odd Semester (CBCS) Examination,
December—2013

LIBRARY AND INFORMATION SCIENCE

(3rd Semester)

Course No. : LIS–304 (C)

(Library Automation)

(Theory)

Full Marks : 75
Pass Marks : 30

Time : 3 hours

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

1. *(a)* Define the term library automation.   5

   (b) Discuss the needs, purposes and factors for adopting library automation in college and university libraries of North-East India.   10

OR

2. *(a)* What do you understand by the term library housekeeping operations?   5

(b) Discuss various areas of library automation taking college/university libraries into consideration. 10

3. (a) Discuss the concept of automatic identification methods used in modern library system. 7½

(b) Discuss the role of bar code technology in managing modern library system. 7½

OR

4. (a) What do you mean by commercial and open-source software? Give a few examples of integrated library management software used in college/university libraries. 7½

(b) Discuss the salient features of library management software developed by INFLIBNET centre. 7½

5. (a) What steps are involved in the manual acquisition control of a college or university library? 7½

(b) Discuss the objectives and functions of the automated serial control taking the example of SOUL 2·0 software. 7½

OR

6. (a) What are the salient features of library administration and report generation module of any integrated library application software? Discuss the features as available in SOUL 2·0 or KOHA. 7½

(b) Can automated reference services be given to the library users? If yes, then discuss the role of Internet in providing online reference services. 7½

7. (a) What do you mean by RFID technolgoy? Discuss the features and needs of RFID technology. 7½

(b) Describe the functions of various components of RFID technology with suitable diagram. 7½

OR

8. (a) How is RFID technology used for managing library housekeeping operations? Are stock verification and shelf rectification possible using RFID technology? If yes, then discuss in the context of university library. 10

(b) Describe how RFID technology is better than bar code technology in case of a modern library. 5

9. *(a)* Discuss the meaning and concept of retro-conversion with reference to library automation. 7

   (b) Discuss the role of INFLIBNET centre for launching retro-conversion projects in selected university libraries of India. 8

OR

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

    (a) Outsourcing for retro-conversion

    (b) Artificial intelligence

    (c) Library automation in North-East India

    (d) Report generation

    (e) OPAC module of SOUL 2·0

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

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(Library Automation)

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Pass Marks : 30

Time : 3 hours

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for the questions*

UNIT—I

1. (a) What do you understand by the term
        library automation and library house-
        keeping operations?   7

    (b) Discuss various areas of library
        automation as adopted in university
        libraries.   8

OR

2. Write an essay on the status of library
    automation and networking in college and
    university libraries of North-East India with
    special reference to the role played by the
    INFLIBNET centre.   15

(Turn Over)

UNIT—II

3. *(a)* Distinguish between commercial and open-source software. 7

   (b) Describe the salient features of any one open-source library application software which you have studied. 8

OR

4. *(a)* Is the SOUL software commercial or open-source software? Discuss which organization has developed this software. 7

   (b) Discuss the salient features of SOUL software. 8

UNIT—III

5. *(a)* What steps are involved in the manual circulation control of a university library? Discuss with flowchart. 7

   (b) Discuss the objectives and function of automated acquisition control taking the example of SOUL 2·0 software. 8

OR

6. *(a)* What are the objectives of automated cataloguing and OPAC? 6

   (b) Discuss the impact of library automation on physical forms of catalogues and development of Union catalogue by INFLIBNET. 9

UNIT—IV

7. *(a)* Discuss the importance of RFID technology for managing a modern library. Is RFID technology superior to Bar code technology? 7

   (b) How would a university library plan for the implementation of RFID technology in its library? Discuss the steps for planning and implementation of RFID technology in a university library. 8

OR

8. *(a)* Describe the various components of RFID technology. 7

   (b) Prepare a budget for implementing RFID Project for a college or university library. 8

UNIT—V

9. *(a)* Define Retro-conversion and discuss its needs and purposes for university libraries in India. 10

   (b) Discuss the role of INFLIBNET for helping universities for initiating retro-conversion of catalogues. 5

OR

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

   (a) Automated serial control

   (b) Various modules of SOUL 2·0 software

   (c) Manual vs. Computerized library housekeeping operations

   (d) Automated reference services

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2015/ODD/15/37/LIS–304 (C)/616

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

LIBRARY AND INFORMATION SCIENCE

(3rd Semester)

Course No. : LIS–304 (C)

(Library Automation)

Full Marks : 75
Pass Marks : 30

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. *(a)* Define the term 'library automation'.   5

   (b) Critically examine the merits and demerits of library automation with special reference to college and university libraries of India.   10

2. *(a)* Describe the concepts of resource sharing and library networking.   5

(b) Examine critically the role of two national library networks for modernization of college and university libraries of India. 10

UNIT—II

3. What steps should be taken for planning and implementation of library automation project for a university library? Discuss with flowchart. 15

4. (a) What do you mean by 'automatic identification technology'? Explain. 5

(b) Critically examine the application of barcode technology in modern library services. 10

UNIT—III

5. (a) What do you mean by the term 'library housekeeping operation'? 5

(b) Discuss the various housekeeping operations performed in university libraries of India. 10

6. (a) Discuss the objectives and function of automated serial control. 5

(b) Compare the salient feature of serial control modules of SOUL 2.0 and KOHA (latest version). 10

UNIT—IV

7. (a) Describe the concept of RFID technology. Write the name of universities and institutions of North-East India where RFID technology has been implemented recently. 7

(b) Discuss the various components of RFID technology in the context of library and information centres. 8

8. (a) Discuss the importance of RFID technology for managing a modern university and institutional libraries of higher learning. 5

(b) What factors should be taken into consideration while implementing RFID technology in a university library? Explain. 10

UNIT—V

9. (a) Write the concept and importance of retro-conversion for library automation in university libraries of India. 7

(b) Discuss the role of INFLIBNET in initiating the retro-conversion projects is selected university libraries of India for implementing library automation projects. 8

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

(a) Salient features of SOUL 2.0

(b) Automated acquisition module of SOUL 2.0 and KOHA (latest version)

(c) Artificial intelligence

(d) OPAC and Web OPAC

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