# 2017

## PG Even Semester (CBCS) Examination, May-2017

## LIBRARY & INFORMATION SCIENCE

4th Semester

Course No. : LIS-401 (O)
*(Digitization and Digital Library)*

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.  Define digitization. Explain the different steps of digitization.
    5+10=15

2.  Prepare a digital library project report for a college library. 15

### UNIT-II

3.  What do you mean by file format ? Explain the file formats used in digitization of images.     7+8=15

4.  Define UNICODE. Explain its utility in digital library.  7+8=15

### UNIT-III

5.  Define digital library. Explain the benefits of a digital library.
    5+10=15

6.  Define metadata. Explain the importance of Dublin Core metadata standard for digital libraries.     7+8=15

7. Explain the major digital library initiatives in India. 15

8. Explain the features of D-Space digital library software. 15

9. What do you mean by ditial preservation? Explain the challenges of digital preservation. 5+10=15

10. Write short notes on any three of the following : 5x3=15

   (a) Institutional Reporitory.

   (b) Video Formats.

   (c) World Digital Library

   (d) Digital Rights Management.

   (e) OCR.

   (f) Image Editing Software.

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

# LIBRARY AND INFORMATION SCIENCE

## ( 4th Semester )

Course No. : LISCC–401

### ( Digital Library and Web Technology )

### ( Theory )

*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 file format. Explain the different file formats for text, images, audio and video that are applicable in digital library.     4+10=14

2. Explain capture devices. Discuss the different types of scanners used in digitization.     4+10=14

## UNIT—II

3. Define digital library. Prepare a project report with financial liability details for implementing a digital library for your college. 4+10=14

4. Define metadata. Explain the importance and methods of metadata creation. 4+10=14

## UNIT—III

5. What do you mean by digital preservation? Discuss the major challenges for digital preservation in the future. 4+10=14

6. Explain the major digital library initiatives in India. Briefly explain the open access initiatives taken by National Digital Library of India. 10+4=14

## UNIT—IV

7. Discuss the features of a modern library postal. Citing one example of library from India. 14

8. Explain how you will design a Webpage/Website for your library and what features you would like to add to your library Webpage/Website. 14

( Continued )

## UNIT—V

9. What is Web 2·0? Explain the features of Web 2·0 applicable to library services. 4+10=14

10. What is social networking? Explain the role of a librarian in promoting library services using social networking sites (SNSs). 4+10=14

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

# LIBRARY AND INFORMATION SCIENCE

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Course No. : LISCC–401

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## ( Theory )

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

# LIBRARY AND INFORMATION SCIENCE

Course No. : LIS–401 (C)

## ( Digitization and Digital Library )

*Full Marks* : 75

*Pass Marks* : 30

*Time* : 3 hours

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

Answer Question No. **9** which is compulsory and *any* **four**, taking **one** from each Unit

UNIT—I

1. What do you mean by the term 'digitization'? Discuss the needs and purposes of digitization of rare reading materials in a university library. 5+10=15

2. Discuss the methods and tools to be used in the digitization process. Does OCR software have any role in the process? If yes, then write briefly the purposes of application of OCR software. 10+5=15

## UNIT—II

3. What is UNICODE? Discuss the history and importance of UNICODE. 3+12=15

4. What is file format? Discuss different image formats and their features. How these image formats are converted using different tools? Explain with examples. 3+7+5=15

## UNIT—III

5. What do you mean by digital library? Why is metadata creation an important function in designing a digital library in an organization? Explain. 5+10=15

6. Why content owners or publishers of digital reading materials should protect their rights in the digital era? Discuss the reasons in the light of salient features of Digital Rights Management (DRM). 15

## UNIT—IV

7. How would you plan for designing a digital library in a college or a university library? Discuss the minimum requirements of hardware and software for developing a digital library. 15

8. What is open source software? Discuss salient features of DSpace in developing a digital library. 5+10=15

## UNIT—V

9. Write short notes on any *three* of the following : 5×3=15

(a) Benefits of Institutional Repository

(b) Usage of XML

(c) Open Source Software vs. Commercial Software

(d) Greenstone Digital Library Software

(e) Digital Library Initiatives in India

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PG Even Semester Exam., May—2015

## LIBRARY AND INFORMATION SCIENCE

Course No. : LIS–401 (C)

( **Digitization and Digital Library** )

*Full Marks* : 75

*Pass Marks* : 30

*Time* : 3 hours

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

Answer Question No. **9** which is compulsory and
*any* **four**, taking **one** from each Unit

### UNIT—I

1. Write down the steps of digitization process.
Discuss the important tools required during
the whole process. 7+8=15

2. What is OCR? Explain briefly the needs and
types of OCR softwares and their features.
5+10=15

*( Turn Over )*

UNIT—II

3. What are the different file formats? Discuss with examples.     15

4. Is it possible to convert the file formats? If yes, explain the reasons why file conversion becomes important during digitization process.     15

UNIT—III

5. Define metadata. Discuss the importance and needs of metadata creation in developing a digital library.     5+10=15

6. What is digital rights management? How does digital rights management help the authors or content owners to protect their rights in digital environment? Discuss.     5+10=15

UNIT—IV

7. What are the characteristics of digital library? Explain the steps for developing a digital library.     5+10=15

8. Write briefly about the digital library initiatives taken in India.     15

9. Write short notes on any *three* of the following :     5×3=15
   (a) IRs vs. DLs
   (b) Digital preservation
   (c) DSpace
   (d) Selection of DLMS
   (e) Unicode

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