TERM END EXAMINATION - DECEMBER, 2018
CERTIFICATE IN DIGITAL LIBRARY
(CDL)
CDL-1: DIGITAL LIBRARY- OVERVIEW, COMPONENTS OF DIGITAL LIBRARY

Total Marks: 100

Time: 3 Hrs.

(Instructions: Answer all the questions from Group A, answer any four questions from Group B & any four from Group C and any two questions from Group D)

GROUP-A

Q.1 Multiple-Choice Questions-   (1×10=10)

i. Define the term Digital Library.
   a. Accessible of resources round the clock
   b. All the resources are open
   c. All the resources are digitised
   d. Collection of resources in organized electronic form

ii. What is the purpose of Networked Computer Science Technical Reference Library?
   a. International collection of computer science research papers and reports
   b. Collection of national computer science papers and reports
   c. Global participation of all reference libraries
   d. All the above

iii. In which year Networked Digital Library of Theses and Dissertations was launched?
   a. 1996
   b. 1997
   c. 1998
   d. 1999

iv. When Wide Area Information Servers were invented?
   a. 1991
   b. 1992
   c. 1993
   d. 1994

v. The present name of Universal Document Identifier is known as _____ and _____.
   a. Uniform Resource Locator and Uniform Resource Identifier
   b. Uniform Resource Location and Uniform Resource Identification
   c. Uniform Reliability Locator and Uniform Reliable Identity
   d. None of the above

vi. Middleware is _____.
   a. Software
   b. Computer Programs
   c. Course materials
   d. E-resources

vii. FDBMS is a _____ software.
   a. Middleware
   b. Courseware
   c. Software
   d. All the above

viii. What do you mean by Client Server Architecture Technology?
   a. Computer programs and computer
   b. Hardware and software

c. Computer and software   d. All the above

ix. Application Programming Technology is _____.
    a. Implementing system software   b. Application software
    c. Both a and b   d. None of the above

x. Images, video cameras, Scanners etc are _____ type of devices.
    a. Input Device   b. Output Device
    c. External Device   d. All the above

GROUP-B

Q.2 Answer any 4 within 50 words each.   **(5×4=20)**
    a. What do you mean by web and how does it differ from digital library?
    b. What is Science Direct?
    c. Explain different dimensions of Digital Library.
    d. Discuss the purpose of digital imaging technology.
    e. Discuss briefly about the institutional repository.
    f. What is the function of interoperability in digital library?

GROUP-C

Q.3 Answer any 4 within in 200 words each.   **(10×4= 40)**
    a. Explain the differences among electronic, virtual, hybrid and digital libraries.
    b. Discuss the various optical storage media.
    c. Describe the importance of e-resources in distance learning.
    d. What are the differences between Library software and institutional library software?
    e. What are the Three Tier Framework for System Management of Digital Library?
    f. Explain the significance of digitization in the digital library.

GROUP-D

Q.4 Answer any 2 within 250 words each –   **(15×2= 30)**
    a. Explain the need and significance of digital library.
    b. What are the key principles of Digital Library Architecture?
    c. Explain about Federated Database System with examples.
    d. What is Digital Rights Management and access control in Digital Library?