

(2)

Ex/MLDL/4.2/2019(OLD)

OR

**MASTER OF LIBRARY AND INFORMATION SCIENCE
(DIGITAL LIBRARY) EXAMINATION, 2019**

(2nd Semester, Old Syllabus)

Information Technology - I

Paper : MLDL - 4.2

Time : Two hours

Full Marks : 50

2B. Discuss the concept's 'Database Security', 'Data Back-up' and 'Data Recovery'. 5+5+5

3. Write short notes on any *two* of the following : 5x2=10

(a) Entity-relationship in RDBMS

(b) DHTML

(c) Distributed databases

(d) SQL

Answer *all* questions.

1A. What do you understand by a website and web portal?

Write the XML code for the bibliographic information of a book and display it according to AACR2 format. Draw a tree structure of your XML document. 4+8+3

OR

1B. Write a note on the 'web page design' process. Draw a diagram of a home page of an academic library which shows the information you would consider to be kept in the website with proper HTML code. 5+10

2A. What is meant by DBMS? Describe the different users of a DBMS. Illustrate with a diagram the 3-tier Architecture of DBMS. 3+6+6

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(Turn Over)