

Ex./ML/07/43/2017

MASTER OF LIBRARY & INFORMATION SC. EXAMINATION, 2017

(2nd Semester)

ICT, Library Automation and Digital Library Systems (Theory)

Paper : ML - 07

Time : Two hours

Full Marks : 40

Answer ***all*** questions.

1A. (a) Libraries are changing as the methods of acquisition, organisation and dissemination of information are changing. – Discuss. 7

(b) How would you choose the software for a library? 3

OR

1B. Mention the stages involved in the process of library automation. Describe the main features of any two library software. 3+7

2A. Describe the criteria you will use to evaluate the suitability of ILMS in an academic library. How does an ILMS deal the multilingual issues? 7+3

OR

2B. Write notes on the following : 4+3+3

(a) E-books (b) E-Journals (c) ETD

(Turn over)

(2)

3A. (a) Draw an E-R model using the following data from Indian Super League (ISL) :

ISL has many teams

Each team has a name, city, coach, a set of players

Each player belongs to only one team

Each player has a name, a position

A team captain is also a player

A game is played between two teams (referred to as host team and guest team)

(b) What are the criteria to establish relationship between two tables ? Discuss the same by considering two tables 'Customers' and 'Orders'. 6+4

OR

3B. (a) Do you think Database Management Systems (DBMS) have an edge over File Processing Systems ? Explain.

(b) Define URI. Discuss the differences among URLs, URNs and PURLs.

(c) Discuss about OAI-PMH verbs.

(d) What is the difference between SQL DELETE and SQL DROP statements ? 4+2+3+1

4A. Discuss the architecture of a 'Digital Library'. What are the prerequisite software for installation of Dspace. Describe the workflow for submission in Dspace. 4+2+4

(3)

OR

4B. What is GSDL ? Make a comparative study between GSDL and Dspace. 2+8

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

(a) Digital reference tools

(b) E-People in Dspace

(c) Digital Preservation

(d) Database security

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