2020
M.Lib.I.Sc. First Semester Examination
Information & Communication Technology (Theory)
MLI-105

Full Marks-40   **Time-2 Hours**

The figures in the right margin indicate marks.

Answer any two questions of the following:

1. Describe briefly the basic task and various components of Information and Communication Technology. Describe the need for ICT in library management.   10+10

2. What are the purposes of Database System? Define the level of abstractions, instances and schemes in context of Database. Explain diagrammatically the book ordering process using E-R Model.   5+5+10

3. What is data normalization? Describe with example the 1NF in context of data normalization. Point out various criteria applicable for evaluating web database.   5+10+5

4. What is Computer Network? Explain various types computer network. Explain typical operation of web database.   4+8+8