2020
M.Lib.I.Sc. First Semester Examination
Information & Communication Technology (Practical)
MLI-108

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

The figures in the right margin indicate marks.

Answer any two questions of the following:

1. Write steps and provide command and valid data and pictogram where necessary for the following-
    a. Design two tables 'customers' and 'orders' using MYSQL database.
    b. Enter four valid data into both the table
    c. Perform following search performances and syntax for them and show the result in pictogram.
        i.   Inner Join
        ii.   Using Clause
        iii. Outer join
        iv.   Search all those customers whose order amount is greater than 100 (assuming that you have entered order number more than 100 in the respective field at question no b.)   5+5+10

2. Write an XML file for creating a book catalogue with FIVE valid records for the BOOK_ID, B_TITLE, B_AUTHOR, B_PUB, PUB_PLACE, PUB_YEAR.
    Display the record by using CSS where heading will be displays as-
    color: green;   font-size : 40px;   background-color : powderblue;
    Title will be displays as font-size : 25px; font-weight : bold;
    Authors will be displays as font-size : 15px;   font-weight : bold; font-color : red
                                                                                        10=10

3. Write steps and pictogram and provide valid data where necessary to the answers of the following questions of KOHA
    a) Write sequentially the various minimum parameters needed to be set before starting actual work on Koha.
    b) Demonstrate the various steps for acquisition of books using KOHA.
    c) Write the steps to insert a library patron in Koha.
    d) By using any two search techniques search catalogue from Koha.   4x5

4. Write most suitable search strategy for the following queries-   10x2
    a. How many citations received by CNR Rao, a Professor of Chemistry during 2019-2020?

b. The h-index and i-10 index received by Professor Durgasankar Rath, faculty of Vidyasagar University.
c. Number of library schools in India.
d. Hindi movies played by Suchitra Sen released in 1960 and 1975
e. 'Thinking man's actor Utpal Dutt- a special report published by a reputed news paper on 2019.
f. All the publications in one window like book, journal, computer files, encylopaedia articles etc of Amitabha Chatterjee, Professor of Library and Information Science, Jadavpur University.
g. Where can I find a Chinese restaurant near me that delivers food to home?
h. World most favourite drinks except tea and coffee.
i. What is the amazon price of the 500 ml Laurent Perrier Brut Non Vintage Champagne in rupees?
j. PhD theses awarded on library management in India Universities.