

**MASTER OF COMPUTER
APPLICATIONS (MCA)
(REVISED)**

Term-End Practical Examination

June, 2025

MCSL-025(Set-II) : LABORATORY COURSE

Time : 3 Hours

Maximum Marks : 100

Note: There are four Sections in this paper.

Each Section is of 45 minutes duration.

Attempt only those Sections in which you are not yet successful. Answer all the questions in each Section. Each question carries 20 marks and the viva-voce for each Section of 5 marks separately.

Section—A
(Data and File Structures)

1. Write a program in ‘C’ language that accepts 10 strings as input and prints them in lexicographic order. 20

Section—B
(Networking)

2. Write a shell script in Linux/Unix that accepts a text file as input and prints the number of sentences in it. 20

Section—C
(DBMS Lab)

3. (a) Create the following table with appropriate data types for all the fields. The key field is underlined. Insert 10 meaningful records in the table. Make necessary assumptions : 10
HALLTICKET (Roll_number, Exam_Centre_Code, Exam_Center_Name, Place)

[3]

(b) Create the following query using SQL
on the above table : 10

List the codes of all Exam Centers in
'Delhi'.

Section—D

(Java Programming)

4. Write a program in Java that performs
addition of two input materials. Make
necessary assumptions. 20

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