

No. of Printed Pages : 3    **MCSL-025(Set-II)**

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

**Term-End Practical Examination**

**June, 2025**

**MCSL-025(Set-II) : LABORATORY COURSE**

*Time : 3 Hours*

*Maximum Marks : 100*

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***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.*

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**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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