

No. of Printed Pages : 2    **MCSL-025(Set-I)**

**MASTER OF COMPUTER  
APPLICATIONS (MCA) (REVISED)  
Term-End Practical Examination  
December, 2024**

**MCSL-025(Set-I) : 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 whom you are not yet successful. Answer all the questions in each Section. Each Section carries 20 marks and the viva-voce for each Section is of 5 marks separately.*

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**Section—A**

**(Data and File Structures)**

1. Write a program in 'C' language to reverse elements of a stock. 20

**Section—B**

**(Networking)**

2. Write a shell script in Linux/Unix that accepts a text file as input and prints the number of vowels 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 5 meaningful records into the table. Make necessary assumptions : 10

UNIVERSITY (Name, Place, Programmes,  
Students)

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

List the names of all universities in whom the number of students are more than 5000. Make necessary assumptions.

**Section—D**

**(Java Programming)**

4. Write a program using Java to create an Applet that accepts 5 integers as input and prints the minimum of them. 20

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