

Subject - Data Structure using	Max Marks - 100
C++	
Program - MCA	Passing Marks - 50
Semester - II	Total Question - 10 (10 Marks Each)

**Important:** Student should attempt every question and submit the answer sheet with response to below questions.

## Questions:

- 1. Program to store temperature of two different cities for a week and display it
- 2. Program to Store value entered by user in three dimensional array and display it
- 3. Program to swap first and last element of an integer 1-d array
- 4. Code to PUSH Element in a stack using Array
- 5. Code to traverse the stack using Array
- 6. Code for displaying nodes of linked list
- 7. Code to insert the node at the particular position in the linked list
- 8. Code to delete the last node from the linked list
- 9. Program to calculate factorial of a given number using recursion in 'C'
- 10.Program to implement Tower of Hanoi problem

## <u>Kindly mention the following details at the top of your Lab</u> Submission Sheet:

Reference/enrollment number.	
Student Name	
Subject Name	
Semester/Year	

**\*Please Note:** If any of the details are missing your Lab Submission will not be considered for evaluation. University is not responsible for any consequences arising due non submission of details.