

No. of Printed Pages : 2 **MCSL-209(Set-III)**

**POST GRADUATE DIPLOMA IN  
COMPUTER APPLICATIONS  
(PGDCA-NEW)**

**Term-End Practical Examination**

**June, 2025**

**MCSL-209(Set-III) : DATA STRUCTURES AND  
ALGORITHM LAB**

*Time : 2 Hours*

*Maximum Marks : 50*

---

***Note : There are two questions in this paper.***

***Answer both the questions. Each question carries 20 marks. 10 marks are for viva-voce.***

---

1. Write a program in ‘C’ language that reads two strings as input and concatenate the second string after the first. Print the concatenated string. Do not use string inbuilt function for concatenation. 20

2. Write a program to ‘C’ language that create two singly linked list of integers. Now, create and print a singly linked list that consists of only those elements, which are common to both the linked lists. 20

× × × × ×