

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

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

**Term-End Practical Examination
June, 2025**

**MCSL-209(Set-II) : 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 to create a singly linked list of integers as input. Sort the elements of the list in descending order. Now, input a new integer as input and

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insert it into the sorted linked list at the appropriate position. 20

2. Write a program in 'C' language that read a string as input. Now reverse and print the string. Do not use any string input functions. 20

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