

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

Term-End Practical Examination

June, 2025

**MCSL-209(Set-I) : 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 for the creation of a binary tree. Also, show the insertion and deletion operations on the tree created. 20

[2]

2. Write a program to create two singly linked lists to store two polynomials. Now, create and display a third linked list that contains the addition of the two polynomials. 20

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