

No. of Printed Pages : 2    **MCSL-205(Set-III)**

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

**Term-End Practical Examination**  
**December, 2024**

**MCSL-205(Set-III) : C AND PYTHON LAB**

*Time : 2 Hours*

*Maximum Marks : 50*

**Note :** (i) This question paper comprises of **two** compulsory questions, each of 20 marks.

(ii) Rest 10 marks are for viva-voce.

1. (a) Write a recursive program in C to find the GCD (Greatest Common Divisor) of the two numbers entered by the user. 10
- (b) Write a program in C to find the sum of two matrices of order  $3 \times 3$ , entered by the user. 10

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2. (a) Write a program in Python to implement binary search. Make suitable assumptions.

10

- (b) Write a program in Python to check, if a given year is leap year or not.

10

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