

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

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

Term-End Practical Examination

December, 2024

MCSL-205(Set-IV) : 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 program in C to count the number of vowels, consonants and spaces, in a sentence entered by the user. 10
- (b) Write a program in C to create a file, open it, type in some characters and count the number of characters entered in that file. 10

[2]

2. Write a Python program to perform the following : 5 each

- (a) To find GCD (Greatest Common Divisor) of two numbers entered by user.
- (b) To find minimum of 3 numbers entered by user.
- (c) To sort the list on numbers entered by user.
- (d) To find factorial of a number (n) entered by user.

x x x x x x x