

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

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

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

MCSL-205(Set-I) : 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 perform Bubble sort on the list of numbers given below : 10

7, 3, 6, 2, 1, 5

- (b) Write a program in C to check that a string entered by user is a palindrome or not. 10

[2]

2. (a) Write a program in Python to sort a list of tuples using Lambda function. Also perform the same without using Lambda function. 10
- (b) Write a program in Python to perform the following : 5+5=10
- (i) Check, if the given number is prime or not.
- (ii) Display Fibonacci series upto n th term, given by user.

x x x x x x x