

# MCSL-205 (Set-1)

## POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA-New)

C and PYTHON Lab

Duration: 2 hours

Maximum Marks: 50

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Note: 1. This question paper comprises of two compulsory questions, each of 20 marks.

2. Rest 10 marks are for viva-voce.

1. a) Write a program in C to find the sum of two matrices of order  $3 \times 3$ , entered by the user. 10
- b) Write a program in C to find length of a string entered by the user without using in-built string functions. 10
2. Write Python program to perform following. (5+5+5+5) = 20
  - a) find product of two matrices, entered by user
  - b) Display Fibonacci series up to  $n^{\text{th}}$  term, given by user
  - c) Find factorial of a number(n), entered by user
  - d) Find maximum of three numbers entered by user

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