

MCSL-205 (Set-3)
POST GRADUATE DIPLOMA IN COMPUTER
APPLICATIONS (PGDCA-New)
C and PYTHON Lab

Duration: 2 hours

Maximum Marks: 50

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 product of two matrices of order 3×3 , entered by the user. 10
- b) Write a program in C to count the number of vowels, consonants and spaces, in a string entered by the user. 10
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 program in python to perform following: 5+5
 - i) Check if a given year is leap year or not.
 - ii) Check if a given number is prime number or not.
