

**MCA/MSc. (CS) Semester-I Examination 2024-25**  
**CS204P: Object Oriented Programming**

**Time: 3 hour**

**40+30 (Viva voce) marks**

1. Write a program to count numbers of words in command line argument. [10 marks]
2. Define a class Point with two fields  $x$  and  $y$  each of type double. Also, define a method distance(Point  $p_1$ , Point  $p_2$ ) to calculate the distance between points  $p_1$  and  $p_2$  and return the value in double. [10 marks]
3. Write a program to declare a stack and perform push and pop operation using stack class. [20 marks]