**BCA- III SEMESTER**

**BCA-22-303P: OBJECT-ORIENTED PROGRAMMING USING C++ LAB**

**SCHOOL OF MANAGEMENT SCIENCES**

**PROGRAMMING QUESTIONS**

**Write a C++ program to:**

1. To swap values of two variables.
2. Implement the concept of decision control constructs through C++ programs.
3. To find factorial of a number.
4. To print Fibonacci series.
5. To print different patterns of stars, alphabets and numbers.
6. To reverse a given number.
7. To sort the given array.
8. To find the largest and smallest element of the array.
9. To convert binary number to decimal number.
10. To create a class and access the data in a class by creating its object.
11. To demonstrate the Function Overloading.
12. To demonstrate call by value and call by reference.
13. To implement all the types of constructor within a class.
14. To demonstrate the concept of destructors.
15. To understand the concept of different access specifiers.
16. To find the Frequency of Characters in a String.
17. To understand the concept of inheritance.
18. To understand the concept of virtual functions.
19. To implement abstract class.
20. To demonstrate function overloading.
21. To implement operator overloading.
22. To implement read and write file operations.