Assignment 1

Subject : Object Oriented Programming with C++(semII)

1. What is the difference between C and C++?

2. What are classes and objects in C++?

3. What is the difference between a while loop and a do-while loop?

4. Discuss the difference between prefix and postfix?

5. Can you compile a program without the main function?

Assignment 2

Subject : Object Oriented Programming with C++(semII)

a) What is UML? Explain the importance of class diagrams.

b) Explain constructors in c++ with an example.

c) WAP in c++ to find the factorial of a number using function declaration.

d) Explain the concept of Polymorphism in detail.

e) Give the rules for writing virtual functions.