S.B. Roll No..

OBJECT ORIENTED PROGRAMMING USING C++
4th Exam/COMP/IT/CSE/0623/May'18

Duration: 3Hrs. **M.Marks:75**

SECTION-A

Q1. Do as directed. **10x1.5=15**
   a. A _____ is used to destroy the objects when they are no longer required.
   b. An abstract class contains at least one _____.
   c. A Friend function is a Non- Member Function. (T/F)
   d. A Constructor is declared with no return type. (T/F)
   e. Scope Resolution Operator can be overloaded. (T/F)
   f. The end of file is detected by using function _____.
   g. X=0010 0001, Calculate X << 3.
   h. Procedural Programming follows _____ approach.
   i. Single name multiple forms represent _____.
   j. Default access of the members of the class is _____.

SECTION-B

Q2. Attempt any five questions. **5x6=30**
   i. Differentiate between private, public and protected visibility modes with suitable example.
   ii. What do you mean by operator overloading? Write a program to overload unary operator.
   iii. What is Friend Function? Explain with suitable example.
   iv. Write a Program to read a number from the keyboard and check that whether entered number is prime or not.
   v. Explain different operations on File in C++.
   vi. Differentiate between Array and Structure in C++with help of suitable example.
   vii. Explain all users - defined data types in C++.

SECTION-C

Q3. Attempt any two questions. **2x15=30**
   a. Explain all the basic features of Object Oriented Programming Language.
   b. Write short note on the following.
      i. Static Functions
      ii. Inline Functions
      iii. Copy Constructor
   c. Differentiate between Single and Multiple Inheritance with suitable example.