BCA/D-18

OBJECT ORIENTED PROGRAMMING

USING C++

BCA-231

Compulsory Question

1.(a)Differentiate between call by value & call by reference.

(b)Differentiate between object oriented programming & procedure oriented programming.

(c)Explain Inline Function?

(d)Explain Default Constructor.

UNIT-I

2. (a)Explain scope resolution operator and its significance with example.

(b)What do you mean by static member functions?How can you access it?Explain it by giving example.

3.Write short note on following:

(a)Encapsulation

(b)Class and Objects

(c)Static Data members

(d)Nested Class

UNIT-II

4.Explain constructor overloading and constructor with default arguments by giving example?

5. (a)Explain the formatted I/O Operations?

(b)What is the difference between copy constructor & parameterized constructor?

UNIT-III

6. Explain the following:

(a)Strcmp()

(b)Strlen()

(c)Strrev()

(d)Strupr()

7. (a)What is a pointer?Illustrate with example?

(b)Explain New operator with example.

UNIT-IV

8.What is operator overloading?what are its rules?Write a program to overload Binary(+)operator.

9.What is function overloading?what are its benefits?Explain it with example.