Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 2

Total No. of Questions : 07

BCA (Sem.–2)

OBJECT ORIENTED PROGRAMMING USING C++

Subject Code : BSBC-203 (2011 Batch)
Paper ID : [B1115]

Time : 3 Hrs. Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.**

SECTION-A

l. Write briefly :

a) What do you mean by header flies?

b) How you will declare 2-Dimensional Array in C++?

c) What are various advantages/disadvantages of Friend function?

d) What do you mean by Operator Overloading?

e) Define Scope Resolution Operator.

f) What are Inline Functions?

g) Define Structure in C++.

h) Define iostream in C++.

i) What are pure virtual functions?

j) Define early Binding.

[N-3-790]

SECTION-B

2. What are various characteristics of object oriented programming? How it is different from structured programming?

3. Define functions. Discuss the concepts of "Pass by value" and "Pass by reference" with help of program in C++.

4. What do you mean by constructor and destructor? Write a program to demonstrate copy constructor and destructor.

5. What is inheritance? What are different types of inheritance available in C++.

6. What do you mean by Polymorphism? Discuss with help of program in C++.

7. What is File Handling? What are various operations that can be performed on files? Discuss in detail.