Roll No. ....   Total No. of Pages : 01

Total No. of Questions : 07

BCA (Sem–2)
OOPS 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.**
2. **Attempt any FOUR questions from SECTION-B.**

SECTION-A   (10 × 2 = 20 Marks)

1. (a) What is function?

    (b) What do you mean by an object?

    (c) What is array of structure?

    (d) Define encapsulation?

    (e) What is the use of continue statement?

    (f) What is the use of friend class?

    (g) What is the difference between double and long double data type?

    (h) What is role of protected data members?

    (i) What is overloading?

    (j) What is the purpose of buffer in file handling?

SECTION-B   (4 × 10 = 40 Marks)

2. Explain the difference between structure and union.

3. What is the difference between inline and friend function? Explain with a program of each.

4. What is the difference between constructor and destructor? Explain the various types of constructors.

5. Write a program in C++ to find the sum of digits of given number.

6. Explain the various types of inheritance with an example of each.

7. What is file handling? Write the procedure to create a file and to perform read/write operation.

[A-12]-653