

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) / BCA (2011 & Onwards) (Sem.-2)

OOPS USING C++

Subject Code : BSIT/BSBC-203

Paper ID : [B1115]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS 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 have to attempt any FOUR questions.**

SECTION-A

1. Write briefly :

- a) Object
- b) Inheritance
- c) Abstract Class
- d) Union
- e) Structure
- f) Function overloading
- g) Operator Overloading
- h) Destructure
- i) Virtual Function
- j) I/O Streams

SECTION-B

2. How object-oriented language is different from structured programming? Explain.
3. Discuss various data types available in C++ with the help of suitable examples.
4. Define following control statements along with examples:
 - a) For loop
 - b) While loop
 - c) Do loop
5. What is Function? Discuss its categories with the help of suitable examples.
6. How structure is different from an Array? Explain with the help of an example. How function can pass structure?
7. What is function overloading? How is the function call matched with the function? Explain with the help of an example program.