

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

BCA (2011 & Onwards)
B.Sc(IT) (2015 Batch) (Sem.-2)
OOPS USING C++
Subject Code : BSIT/BSBC-203
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 a student has to attempt any FOUR questions.

SECTION-A

1) Write briefly :

- What is inheritance?
- What do you mean by array of pointer?
- What is function overloading?
- What is copy constructor?
- Differentiate early binding and late binding.
- What is pass by reference?
- Define I/O stream.
- What are visibility modes of derived classes?
- What is scope resolution operator?
- What is friend function?

SECTION-B

- 2) What is Loop? Explain the different type of loops available in C++.
- 3) Explain the various types of inheritance with an example of each.
- 4) Define Polymorphism. Differentiate early binding and late binding with the suitable example.
- 5) What is Class? Explain the different access specifiers that are used in a class with suitable example.
- 6) Explain the concept of nesting of structures in two different ways with the help of example(s).
- 7) What is the difference between call by value and call by reference? Explain with suitable example.