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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(CS) (2013 & Onwards) (Sem.-2)
OBJECT ORIENTED PROGRAMMING IN C++
Subject Code : BCS-205
M.Code : 71510

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) Answer briefly :

- a) Discuss Virtual Functions.
- b) Explain the use of Inline Function.
- c) Explain Virtual Destructor.
- d) Discuss the Importance of Enumeration.
- e) Discuss Scope Resolution Operator.
- f) Write short note on Constructor.
- g) Name the various Control breaking statements.
- h) Write short note on Type Conversion.
- i) Explain the concept of Late binding.
- j) Explain Pre-processors.

SECTION-B

- 2) Explain the concept of run time Polymorphism by giving a suitable example.
- 3) Discuss in detail the various types of Inheritance using suitable examples.
- 4) Explain Binary and Unary operator overloading using suitable example.
- 5)
 - a) Explain various types of looping statements by giving the syntax and a suitable example.
 - b) Write short note on Arrays of objects.
- 6) Write a program of Passing & returning array as an argument to function.
- 7) Write a program to illustrate the role of friend function in C++.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.