

Roll No.....

Total No.of Pages:01

BCA, MAY –2014

OBJECT ORIENTED PROGRAMMING USING C++

Paper Code (BC-304)

Paper Id. [B0212]

Time: 03 Hours

Maximum Marks: 60

Instruction to Candidates:

- 1) Section – A is **Compulsory**.
- 2) Attempt any **Four** questions from Section – B.

Section – A

Q 1)

(10 x 2 = 20)

- a) Define the term Data Hiding.
- b) Explain #define directives.
- c) What are advantages of using functions?
- d) Explain Switch Statement.
- e) What is Operator Overloading?
- f) Explain various types of constructors in C++.
- g) Discuss the use of Inheritance in Programming.
- h) What are pure virtual functions?
- i) What is open () function?
- j) What do you mean by Input and Output streams?

Section – B

(4 x 10 = 40)

Q 2) Explain various Control Structures in C++ with examples.

Q 3) What is Pointer? Explain Pointer Arithmetic.

Q 4) a) What do you mean by class? How it is declared?

b) Difference between Private and Public Class

Q 5) Explain with example how to overload Unary Operator?

Q 6) Define Inheritance and its types. Discuss multiple and multilevel inheritance by an example?

Q 7) a) Explain the following functions

tellg (), seekg (), read (), write ()

b) Explain Input and Output Redirection.

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