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Roll No. Total No. of Pages: 02

Total No. of Questions: 07

B.Sc.(IT) (2015 Batch) / 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) What is inline function?
- b) What do you mean by friend function?
- c) What is Array?
- d) Define pure virtual function.
- e) What is the use of break statement?
- f) What is the use of friend class?
- g) What are unary operators?
- h) What is role of virtual function?
- i) What is destructor?
- j) What is the purpose of nested structure?

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SECTION-B

- 2. Explain the role of class, object, data member, member function and access specifies in C++ with an example.
- 3. What is the use of static member and static function? Explain it with an example of each.
- 4. Write a program in C++ to find the product of digits of a given number.
- 5. Explain the various ways to derive new classes with an example of each.
- 6. What is the difference between early and late binding? Explain with an example of each.
- 7. How files are handled in C++? Write a program to perform read/write operations in file handling.



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