Exam. Code : 107203
Subject Code : 8123

Bachelor of Computer Application (BCA) 3rd Sem.
(Old Sylb 2016)

C++ (OOP LANGUAGE)

Paper–III

Time Allowed—3 Hours]   [Maximum Marks—75

Note :— Attempt any **five** questions. All questions carry equal marks.

1. Discuss the following :

    (a) Different types of relational Operators in C++

                                                                    7.5

    (b) Precedence of operators   7.5

2. (a) Write a program to find largest of three numbers using conditional statements.   7.5

    (b) Write a program to initialize string using for loop.

                                                                    7.5

3. (a) Write a program in C++ demonstrating the use of continue statement.   7.5

    (b) Write a program to find sum of first 20 numbers using while loop statement.   7.5

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4. (a) Write a program to implement the concept of inheritance. 7.5

   (b) Write a program using functions to find average of 10 numbers. 7.5

5. (a) What is meant by operator overloading ? Explain. 7.5

   (b) Overload binary plus operator to add two dates. 7.5

6. Discuss the significance of multiple Inheritance in OOP Language. Explain. 15

7. (a) Write a program to implement the concept of runtime polymorphism. 5

   (b) Discuss the following :

      (i) Structure declaration 5

      (ii) Derived class constructors. 5

8. Write short notes on the following :

   (a) Parameterized Constructors 7.5

   (b) This operator. 7.5