2015

BCA

4th Semester Examination

C++ LAB

PAPER—2296 (SET-1)

(Practical)

Full Marks : 100

Time : 3 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer any *two* questions (*on Lottery Basis*) :   2×25

1. Write a C++ program to find the volume of cube, rectangle and cylinder using function overloading.

2. Write a C++ program to find the area of rectangle using pointer to data member.

3. Write a C++ program to display the student details using classes and object as array.

4. Write a C++ program to display the account number and balance using constructor overloading.

5. Write a C++ program to add two complex numbers using object as argument.

6. Write a C++ program to perform matrix multiplication using static variable, default argument and friend function.

7. Write a C++ program to add two values using stream operator overloading.

8. Write a C++ program to overload new and delete operators.

9. Write a C++ program for matrix manipulation with dynamic memory allocation using copy constructor and overloading of assignment operator.

10. Write a C++ program to convert centimeter to meter using basic to class type.

11. Write a C++ program to add two complex numbers using binary operator overloading.

12. Write a C++ program for unary operator overloading.

13. Write a C++ program for bubble sort using template.

14. Write a C++ program to swap two variables using function template.

15. Write a C++ program to convert degree to radian using class to class type.

16. Write a C++ program to display student details using virtual base class.

Practical Note Book	:	**10**
Viva-Voce	:	**10**
Internal Assessment	:	**30**

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