

(i) Printed Pages : 3]

Roll No.

(ii) Questions : 9]

Sub. Code :

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Exam. Code :

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**B.A./B.Sc. (General) 3rd Semester
Examination**

1127

COMPUTER SCIENCE

[Object Oriented Programming using (C++)]

Paper : CS06 : Theory-B

Time : 3 Hours]

[Max. Marks : 30

Note :- Attempt *five* questions in all. Question No. 1 is compulsory and attempt *one* question from each Unit.

Compulsory Question

1. Attempt the following : 3×2=6

(i) How class is different from Object ? Discuss in brief.

(ii) What are *four* types of programming error ?

Explain in brief.

NA-335

(1)

Turn Over

- (iii) What is difference between Private and Public members of a class ?

Unit-I

6 each

2. What is OOP ? Differentiate between OOPs and structured programming.
3. Explain structure of C++ program in detail.

Unit-II

6 each

- 4.. What is Class ? Explain the basic syntax of declaring a class, creating objects and accessing members of a class with the help of an example.
5. What is new and delete operator ? Why and how they are used ? Explain with the help of an example.

Unit-III

6 each

6. What is the use of constructor in C++ program ? Explain the working of default constructor, parameterized constructor, copy constructor and destructor.
7. Describe the syntax of multiple inheritances in C++. When do we use such an inheritance ? Explain with an example.

Unit-IV

6 each

8. Explain the concept of late binding and dynamic binding with the help of at least two examples. Are these concepts related to polymorphism ? Explain your answer.
9. What do you mean by function overloading ? Discuss with the help of an example.