

Z-173

Total Pages : 2

Roll No.

S-2450

B.C.A. (IInd Semester) Examination, 2021-22

PROGRAMMING IN USING C++

Paper-II (BCA-202)

Time : 2:30 Hours]

Max. Marks : 70

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

1. (a) Explain the OOPs feature of C++. [7]
(b) What is the inheritance in C++? Explain the different type of inheritance. [7]
2. (a) Write a program in C++ to find factorial number. [7]
(b) What is the constructor? Write a program to show the constructor overloading. [7]
3. (a) What is the data type? Explain the various data type used in C++. [7]
(b) What is the operator? Explain the different type of operators with example. [7]

4. (a) Write a program in C++ to print even or odd number. [7]
(b) Explain the inline function. Also explain the dynamic memory allocation. [7]
5. (a) What is the Friend Function? Write a program to swap two numbers with the help of friend function. [7]
(b) Difference between overloading and overriding. [7]
6. (a) Explain the Access modifier in C++ with the help of example. [7]
(b) Write a program in C++ to display a Fibonacci Series. [7]
7. Short notes (Any *four*) : [3½×4=14]
 - (a) Scope resolution operator.
 - (b) Stream error.
 - (c) Dynamic binding.
 - (d) Unary operator.
 - (e) Virtual Function.
 - (f) Abstract class.

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[P.T.O.]

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