E-3900

B. C. A. (Part-II) EXAMINATION, 2021

(New Course)

Paper Third

PROGAMMING IN 'C++'

(BCA -203)

Time: Three Hours]   [Maximum Marks : 80

Note:- Attempt any two part from each unit. all questions carry equal marks.

UNIT-1

1. a. Write the features of object oriented programming. How it is differ from procedure oriented language.
   b. Explain control structure and give an example using a program.
   c. Describe the different data types support by OOPs.

UNIT-2

2. a. Write a program to demonstrate the use of sturucture.
   b. Explain the use of function with default argument.
   c. Write short notes on following :
      i.   Enumeration data type
      ii. Inline function

UNIT-3

3. a. Explain static data member and statick member function using code.
   b. What is constuctor? Describe all types of constructor.
   c. Write short notes on memory allocation.

UNIT-4

4. a. What is inheritence? Explain their types and give any one example of program.
   b. Explain function overriding by example.
   c. How many queen specfier present in OOPs.

UNIT-5

5. a. Differentiate dynamic and static polymorphism.
   b. Explain virtual and pure virtual function in brief.
   c. Describe friend function using program.

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