Roll No. ....

ED–2864

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

Paper Third

PROGRAMMING IN "C++"

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 27

Note : Attempt any *two* parts from each Unit. All questions carry equal marks.

Unit—I

1. (a) Explain Oops concept.

   (b) Describe data types in C++.

   (c) What is Looping ? Explain do-while loop with an example also.

Unit—II

2. (a) Define structure with an example.

   (b) Explain default argument with an example.

   (c) What do you mean by Overloaded function ?

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Unit—III

3. (a) Write an example of nesting of member function.

   (b) Explain objects as function argument with an example.

   (c) What is Constructor ? Also write an example of parameterized constructors.

Unit—IV

4. (a) Explain 'this' pointer with an example.

   (b) Describe access specifiers.

   (c) What is Inheritance ? Also write an example.

Unit—V

5. (a) Describe pure virtual function with an example.

   (b) Explain overloading primary operators with an example.

   (c) Explain abstract class.

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