

Roll No.

[2]

Unit—III

3. (a) Write a program to show the use of inline function.
- (b) What is virtual and pure virtual function ? Explain it.
- (c) What is Inheritance ? Describe their types.

Unit—IV

4. (a) Write notes on object type and attribute type.
- (b) Differentiate Booch Methodology and Object Oriented Database.
- (c) Explain the architecture of object oriented database.

Unit—V

5. (a) Describe VC++ workspace and projects.
- (b) Write short notes on the following :
 - (i) Device context
 - (ii) View object
- (c) Explain Windows Programming by giving an example of program.

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B. C. A. (Part II) EXAMINATION, 2020

(Old Course)

Paper Fifth

PROGRAMMING IN C++ AND VISUAL C++

(203)

Time : Three Hours]

[Maximum Marks : 100

[Minimum Pass Marks : 40

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

Unit—I

1. (a) Write the characteristics of object oriented language.
- (b) Differentiate procedure oriented and object oriented language.
- (c) Explain advantages of object oriented language over procedural language.

Unit—II

2. (a) Write a program to show the implement of inheritance and also define inheritance.
- (b) What is operator overloading ? Describe their types with suitable example.
- (c) Write a short note on overriding.

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