

ANNUAL EXAMINATION 2020

(Only for Regular Students)

Centre No. 135

Class-B.C.A-II(Old Course)

Paper No- BCA203

Time- 3 hrs.

Centre Name- Disha College, Raipur (C.G.)

Subject-Prog In C++ and VC++

Paper Name-Prog In C++ and VC++

M.M.-100

Min.M.-40

Note – Attempt any 2 question from all unit. Each question carries equal marks.

UNIT 1

1. Explain concept of object oriented concept and advantage in brief .
2. Write difference between procedural and object oriented programming .
3. Explain static data member and static function .

UNIT 2

1. What is inheritance and its type .
2. What is operator overloading explain with an example .
3. Explain constructor with example .

UNIT 3

1. Explain virtual and pure virtual function .
2. What do you mean by streams . Explain utility of inline function.
3. Write a program in c++ to check whether entered number is prime or not.

UNIT 4

1. Explain methodology for object oriented design.
2. Give the difference between relational and object oriented database .
3. Write note on:-
 - i)Attribute type
 - ii)Architecture of OODBMS

UNIT 5

1. What are the features of VC++ ? Explain VC++ workspace .
2. Explain MFC with example.
3. Explain following-
 - i)Application object
 - ii)View Object