**ANNUAL EXAMINATION 2020**

**(Only for Regular Students)**

***Centre No. 135 Centre Name- Disha College, Raipur (C.G.)***

**Class-B.C.A.-II Subject- Programming in ’ C++’**

**Paper No- BCA 203 Paper Name-Programming in ’ C++’**

**Time- 3 hrs. M.M.-80 Min.M-27**

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

**UNIT 1**

1. What are the difference between POPS and OOPS .
2. What do you mean by dynamic initialization of variable and also explain reference variable in C++.
3. Write a program to implement break and continue statement.

**UNIT 2**

1. Give the difference between structure and class in C++ .
2. Explain function with passing constant .
3. Write a program to implement Inline function.

**UNIT 3**

1. Explain constructor with its types .
2. Explain static data member and static member function with example .
3. Write a program to implement new and delete operator in C++.

**UNIT 4**

1. What do you mean by pointer.Explain Pointer to derive class .
2. Explain inheritance and function overriding .
3. Write a program to implement constructor in derive class .

**UNIT 5**

1. Give the difference between static and dynamic polymorphism.
2. Explain friend class and how it is different from inheritance .
3. Write a program to overload unary operator .

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