NA—146—2022

FACULTY OF COMMERCE

B.Com. (Second Year) (Third Semester) EXAMINATION

MAY/JUNE, 2022

(New Course)

COMPUTER APPLICATION

Paper (UGCVC-CA-IV) BC-3.5.2

(Object Oriented Programming Using C++)

(Thursday, 16-6-2022)   **Time : 2.00 p.m. to 5.45 p.m.**

Time— 3.45 *Hours*   *Maximum Marks*—75

N.B. :—   (*i*)   Question No. **1** is compulsory.

      (*ii*)   Attempt *all* questions.

1.   Explain Basic concepts of oops and benefits of oop's in detail.   20

2.   What are the operators in C++ ? Explain any *two* in detail.   15

Or

Define static data members and static member function with example.

3.   Describe constructor. Explain any *two* types of constructor with suitable program.   15

Or

Explain operator overloading with its rules.

4.   Describe type conversion. Explain any one type conversion.   15

Or

What is Inheritance ? Explain multilevel and multiple inheritance.

5.   Write short notes on (any *two*) :   10

   (*i*)   Polymorphism

   (*ii*)   Friend Function

   (*iii*)   Pointer.

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