Class- B.Sc. 2ⁿᵈ (Regular) Examination 2019-20

INFORMATION TECHNOLOGY

Paper- II

Subject-   Object oriented programming with C++

Time- 3 Hour   Maximum Marks : 50

Attempt any **two** parts from each question of related unit.
All questions carry equal marks.

Unit- I

Q1. (A) Explain The Advantages Of Oops.

(B) What Do You Know About Inheritance? Explain.

(C) Explain Polymorphism.

Unit- II

Q2. (A) What Is The Advantages Of Passing Arguments By Reference?

(B) When Do We Need To Use Default Arguments In A Function?

(C) What Do You Mean By Overloading Of A Function? When Do We Use This Concept?

Unit- III

Q3. (A) What Is The Main Difference Between A Class And An Object?

(B) Explain Use Of Friend Function With The Help Of Suitable Example.

(C) What Are The Various Types Of Constructors?

Unit- IV

Q4. (A) What Is 'This' Pointer? Explain.

(B)   Explain The Virtual Member Function.

(C) What Is A Pure Virtual Function?

Unit- V

Q5. Explain The Following:

(A) Stream Class

(B) C++ Stream

(C) C++ Manipulator