

AE-1251

B.Sc. (Part - II)
Term End Examination, 2016-17

INFORMATION TECHNOLOGY

Paper - II

Time : Three Hours] [Maximum Marks : 50

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. What is meant by OOP ? Describe the major characteristics of Object Oriented Programming Language.

OR

Explain the following with example :

- (a) Polymorphism
- (b) Reusability

(2)

Unit-II

2. What is meant by Function ? Explain the function declaration, function calling and function definition with suitable example.

OR

Explain the following with example :

- Function Overloading
- Returning by Reference

Unit-III

3. What is meant by Constructor and Destructor ? Explain class constructor and class destructor with example.

OR

Explain the following with example :

- Friend Function
- Static Member Function

Unit-IV

4. What is meant by Pointer ? Explain Pointer and Array with example.

OR

(3)

Explain the following with example :

- (a) Virtual Function
- (b) Pointer and String

Unit-V

5. What is meant by File and Stream ? Explain the classes for file stream operations in detail.

OR

Explain the following with example :

- (a) C++ Manipulators
- (b) I/O with multiple objects
