

# **AE-1251**

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

## **INFORMATION TECHNOLOGY**

Paper - II

*Time* : Three Hours]      [*Maximum Marks* : 50

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

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### **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

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### **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 :

- (a) Function Overloading
- (b) 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 :

- (a) Friend Function
- (b) Static Member Function

### **Unit-IV**

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

***OR***

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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
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