Name: ....

Roll No: ....

Class: .... Section: ....

Date: ....

OOP CONCEPTS

Chapter-7

A. Write 'T' for true and 'F' for false.

1. You cannot make a data member private.

2. Object-oriented programming is a programming paradigm that focuses on routines or functions.

3. BASIC is Object oriented programming language.

B. Define the following:

1. Polymorphism

2. Inheritance

3. Class

4. Data Abstraction

5. Encapsulation

C. Write a program based on the following conditions:

1. It should have a class named rectangle.

2. Data members of rectangle are: height, width

3. Member functions are:

    a. void setvalues() – to assign values to both the variables

    b. int area()- to calculate area of rectangle

       Calculate the area of rectangle.

D. Identify the errors in following code:

```
#include<iostream.h>
#include<conio.h>
Class rectangle
{
    int w,h;
    Int x;y;
public;

    int area();
};
```

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Teacher's Signature: ....