

## Computer programming and concepts Question Bank

### Short Answer Questions:

1. What is a data type? Explain different data types in detail with examples.
2. What is a static variable?

### True and False Question:

1. The data types float and double are used to deal with floating-point numbers.
2. The character \ is called the escape character.

### Which of the following are valid statement:

1. num1 + num2 =newNum;
2. x = 12 \* num1 - 15.3;
3. num1 \* 2 = newNum;

### Write a program in java to:

1. To check whether a given number is even or odd.
2. To calculate the area of triangle
3. To get the average of 5 integer numbers

### Specify the error in this program and correct it:

```
public class Test {  
  
    Scanner x =new Scanner (System.in);  
  
    public static void main(String[] args) {  
  
        int a, b;  
  
        System.out.println("enter the number a");  
  
        a =x.nextInt();  
  
        System.out.println("a");  
  
    }  
  
}
```

**Find the output of this program:**

Suppose x and y are int variables and x = 25 and y = 35. What is the output of each of the following statements?

- a. `System.out.println(x + ' ' + y);`
- b. `System.out.println(x + " " + y);`

**Fill in the blank with the correct word:**

- 1. \_\_\_\_\_, \_\_\_\_\_ are the example of output device.

**Consider the following program segment:**

```
//import classes

public class Exercise3

{

    public static void main(String[] args) {

//variable declaration

/executable statements

    }

}
```

- 1. Write Java statements that declare the following variables: num1, num2, and num3, and average of type int.