

## Unit I

1. Java is a \_\_\_\_\_ language.

- a. Strongly typed
- b. Weekly typed
- c. Both a and b
- d. None of these

2. public class Test

```
{  
    public static void main(String[] args)  
    {  
        int i=0;  
        ++i;  
        if(i=0)  
            System.out.println("true");  
        else  
            System.out.println("false");  
    }  
}
```

- a. Compile Time Error
- b. Displays true
- c. Runt Time Error
- d. Displays false

3. What is the output of the below code?

```
public class Test  
{  
    public static void main(String[] args)  
    {  
        float x=0.0f;  
        float y=10.5f;  
        System.out.println(y/x);  
    }  
}
```

- a. 10.5
- b. Infinity
- c. raises an exception
- d. Compile Time Error

4. What is the output?

public class Test

```
{  
    public static void main(String[] args)  
    {  
        double x = 9.997;  
        int y = x;
```

```

        System.out.println(y);
    }
}

```

- a. outputs 10
- b. outputs 9
- c. Compile Time Error
- d. Run Time Error

5. To read an integer, \_\_\_\_\_ method is used.

Ans: nextInt method

6. What is the output?

```

public static void main(String[] args) {
    int n=10;
    {
        int k; int n=20;
    }
}

```

- a. Compile Time Error.
- b. Run Time Error.
- c. No Error; n value will be 20 inside & outside 10
- d. Compile Time Error.

Ans: a. Compile Time Error.

7. What is the output?

```

Public class Test{
public static void main(String[] args) {
    for(int i=0;i<5;++i)
        int j=5;
    }
}

```

- a. Compile Time Error.
- b. Run Time Error.
- c. 5 ( 5 times).
- d. No Output.

8. What is the output?

```

public class Test
{
    public static void main(String[] args)
    {
        double x = 4.5;
        int y = 10;
        System.out.println(x+y);
    }
}

```

```
}  
}
```

a. 14.5

b. 14

c. Compile Time Error

d. Run Time Error