**Unit I**

1. Java is a \_\_\_\_\_\_\_\_\_\_\_language.
   1. Strongly typed
   2. Weekly typed
   3. Both a and b
   4. 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");

}

}

* 1. Compile Time Error
  2. Displays true
  3. Runt Time Error
  4. Displays false

1. 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