1. Which statement is true about Java?  
   a) Java is a sequence-dependent programming language  
   b) Java is a code dependent programming language  
   c) Java is a platform-dependent programming language  
   d) Java is a platform-independent programming language
2. What is the extension of java code files?  
   a) .js  
   b) .txt  
   c) .class  
   d) .java
3. Which environment variable is used to set the java path?  
   a) MAVEN\_Path  
   b) JavaPATH  
   c) JAVA  
   d) JAVA\_HOME

4. Predict the output of the following program.

class A{

int a=40;//non static

public static void main(String args[]){

System.out.println(a);  
 }  
}

Options: choose on of below

a) Compilation Error b) 40

c) 0 d)None of the above

5) What is the default value of the data type double in Java ?

a) 0 b)1

c) 0.0D d)0.0

6) What is the default value of the data type Boolean in Java ?

a) 0 b)1

c) true d)false

### 7) What is one of the characteristics of a static method in Java?

a)A static method belongs to the class

b)A static method belongs to an instance of the class

c)A static method can access an instance variable without creating an instance of a class

d) A static method can access a static variable by creating an instance of a class

8) what is the output of this question?

|  |
| --- |
| class TestRunner {  static public int succeeded;  static public int failed;    public TestRunner() {  }    public TestRunner(int s, int f) {  succeeded=s; failed=f;  }    public String toString() {  return succeeded + " " + failed;  }  }  class TestStatistics {  public static void main(String[] args) {  TestRunner tr = new TestRunner(1, 99);  TestRunner.succeeded = 99;  System.out.print(new TestRunner());  }  } |

A. 0 0 B. 1 99

C. 99 0 D. 99 99

9) what is the output of this question?

|  |
| --- |
| class Test1 {      static int x = 10;  public      static void main(String[] args)      {          Test1 t1 = new Test1();          Test1 t2 = new Test1();            t1.x = 20;          System.out.print(t1.x + " ");          System.out.println(t2.x);      }  } |

Option

A) 10 10 B) 20 20  
C) 10 20 D) 20 10