|  |  |
| --- | --- |
| 1 | Jennie is a software developer in an MNC. In one of her projects, she wrote a program as: class TestQuestion {  public static void main(String s[]) { Boolean a = new Boolean("false"); if(a) { System.out.println("false");  }  else { System.out.println("true");  }  }  }  What will be the output when the preceding program is compiled and executed?   1. The program will display the output as: false 2. The program will generate compilation error. 3. The program will display the output as: True 4. The program will throw a runtime exception.   **Answer:-A** |
| 2 | Jyoti is a software developer in an MNC. In one of her projects she wrote a program as: public class TestQuestion{  public static void main(String[] args) { String str = "PQR"; int len = str.length(); switch (len) { case 1: System.out.println("January"); break; case 2: System.out.println("February"); break; case 3: System.out.println("March"); break;  default: System.out.println("Invalid month.");break;  }  }  }  What will be the output when the preceding program is compiled and executed?   1. The program will display the output as: March 2. The program will generate compilation error. 3. The program will display the output as: January 4. The program will throw a runtime exception.   **Answer:-B** |
| 3 | Kandy works as a Programmer for StrongNet Inc. She writes the following program:    class Test19 {  public int tester(String str) {  if(str == null || str.length() == 0) { System.out.println("empty"); return 0;  }  Else {  System.out.println("not empty"); return 1;  }  }  public static void main(String ar[]) { Test19 ob = new Test19(); ob.tester("hi"); ob.tester("");  }  }  What will happen when she tries to compile and execute the preceding program?   1. It will produce the output as: not empty   empty not empty   1. It will produce the output as: not empty 2. It will give compilation error. 3. It will throw a runtime exception.   **Answer:-B** |
| 4 | Neha works as a programmer in the ABC Company and she has written the following program:  public class Foo {  public static void main(String s[]) { Integer i = new Integer(1) + new Integer(2); switch(i) {  case 3: System.out.println("three"); break; default: System.out.println("other"); break;  }  }  }  What will be the output when the preceding programis compiled and executed? A. two B. three C. other D. program will not compile successfully.  **Answer:-c** |
| 5 | Imagine you work as a programmer in the ABC Company and you have written the following program:    public class Foo {  public static void main(String s[]) { String str = "null"; if (str = null) { System.out.println("null");  }  else (str.length() == 0) { System.out.println("zero");  } else { System.out.println("some");  }  }  }  What will be the output when the preceding program is compiled and executed? A. zero B. sum C. other D. Program will not compile successfully.  **Answer:-c** |
| 6 | Hardy works as a Programmer for Blue Net Inc. He writes the following program:  public class Test { private String col;  public String getcolor() { return col; } public void setcolor(String d)  { col = d; }  public static void changecol(Test Col11,String col) { Col11 = new Test(); Col11.setcolor(col);  }  public static void main(String[] args) { Test i = new Test();  i. setcolor("Red"); Test it2 = new Test(); it2.setcolor("green"); changecol(it2,"white"); i.setcolor("pink"); changecol(it2,"Orange"); System.out.println(i.getcolor()); System.out.println(it2.getcolor());  }  }  What will be the output when he tries to compile and execute the preceding program?   1. It will display the output as: Orange green 2. It will display the output as: Red pink 3. It will display the output as:   green Orange   1. It will display the output as: white Red |

7

Nancy works as a Programmer for White Inc. She writes the following program:

class A {

private int val;

public void setVal( int val) { this.val = val; } public int getVal() { return val; }

}

class B { pri

vate A price;

public void setPrice( A price) { this.price= price; } public A getPrice() { return price; }

}

public class Test {

public static void main( String[] args) { B o = new B();

A i = new A(); int n=1;

i. setVal(n); o.setPrice(i); o.getPrice().setVa

l( 104);

i = new A(); i.setVal(105); o.setPrice(i);

System.out.println( o.getPrice().getVal());

}

}

What will happen when she tries to compile and execute the preceding program?

A. It will produce the output as: 105 B. It will produce the output a

s: 104

C. It will give compilation error. D. It will throw a runtime exception.

|  |  |
| --- | --- |
| 8 | Jude works as a Programmer for TimeNet Inc. She writes the following program:    class First { private int val; public First(int val) { this.val=val;  }  public void setVal(int val) { this.val = val;  }  public int getVal() { return val; }  }  public class C15 {  static First fun(First f){ f=new First(100); return f;  }  public static void main( String[] args) {    First f = new First(345); System.out.print(f.getVal()+" "); First f1=fun(f);  System.out.print(f1.getVal()+" "); f=fun(f1); System.out.print(f1.getVal()+" ");  }  }  What will happen when she tries to compile and execute the preceding program?   1. It will produce the output as: 345 100 100 2. It will produce the output as: 345 345 100 3. It will produce the output as: 100 100 100 4. It will generate a compilation error. |
| 9 | Ria works as a Programmer for TimeNet Inc. She writes the following program: public class Test {  static public void main(String rat[]) { for(int z=2 ; z<rat.length;z++) { System.out.print(rat[z] + " ");  }  }  }  What will happen if she tries to execute the preceding program by writing the following command line argument?    java Test 456   1. It will display the output as: 6 2. It will display the output as:456 3. It will throw a runtime exception. 4. It will compile and execute but does not display anything as output. |
| 10 | Sarah works as a Programmer for Globus Inc. She writes the following program: public class Ten {  static public void main(String rock[]) { for(int q=rock.length;q>0;q--) { System.out.print(rock[q] + " ");  }  }  }  What will be the output if she tries to execute the preceding program by writing the following command line argument?    java Ten 123   1. It will throw a runtime exception‐ArrayIndexOutOfBoundsException. 2. It will display the output as: 3 2 1 C. It will display the output as: 3 2   D. It will compile and execute successfully, but does not display anything as an output. |
| 11 | Peter works as a programmer in the ABC Company and has written the following program:    public class MyClass {  public static void main(String s[]) { int x 0; int y = 10; do { y--;  ++x;  } while (x < 5); System.out.print(x + "," + y);  }  }  What will be the output when the preceding program is compiled and executed? A. zero B. sum C. other D. Program will not compile successfully. |
| 12 | Imagine you work as a programmer in the ABC Company and you have written the following program: class Next {  public static void main(String s[]) { int x=12; while (x < 10) { x--;  }  System.out.print(x);  } }    What will be the output when the preceding program is compiled and executed? A. 11 B. 12 C. 23 D. Program will not compile successfully. |
| 13 | Imagine you work as a programmer in the ABC Company and you have written the following program:    class Test {  public static void main(String s[]) { int x = 10; do {  System.out.println(x--);  }  while(x>10);  }  }  How many times will the value of x be printed after compilation and execution of the preceding program?  A. more than 10 B. 1 C. 2 D. Program will not compile successfully. |
| 14 | Imagine you work as a programmer in the ABC Company and you have written the following program:  class Test {  public static void main(String[] args) { for (int i = 0;i <=10;i++){ if( i > 6) break;  }  System.out.println(i);  }  }  What will be the output after compilation and execution of the preceding program? A. 1 2 3 B. 1 2 3 4 C. 4 4 D. Program will not compile successfully. |
| 15 | Hari is a software developer in an MNC. In one of his projects, he wrote a program as:    class TestQuestion {  public static void main(String s[]) { int num1 = 0102; int num2 = -10;  int operation = num1 % num2; System.out.println(+operation);  }  }  What will be the output when the preceding program is compiled and executed?  A. The program will display the output as: 6 B. The program will generate compilation error.   1. The program will display the output as:   ‐6   1. The program will throw a runtime exception |
| 16 | Uma is a student of computer science and has written a program as:    public class TestQuestion { public static void main(String s[]) { boolean a; boolean p = false; boolean q = false; if(a = p == q) {  System.out.println("equal");  }  else  System.out.println("not-equal");  }  }  What will be the output when the preceding code is compiled and executed?   1. The program will display the output as: equal 2. The program will generate compilation error. 3. The program will display the output as: not‐equal 4. The program will throw a runtime exception. |
| 17 | Jennie is a software developer in an MNC. In one of her projects, she wrote a program as: class TestQuestion {  public static boolean funcA(int a) { boolean b = (a==10)?true:false; System.out.println(b); return b;  }  public static void main(String args[]) { if(funcA(10) && funcA(5)) System.out.println("pass");  }  }  What will be the output when the preceding program is compiled and executed?   1. The program will display the output as: true   false   1. The program will generate compilation error. 2. The program will display the output as: pass 3. The program will throw a runtime exception. |
| 18 | In a popular workbook for programmers, a program was found written as:    class TestQuestion {  public static void main(String s[]) { Integer i1 = new Integer(10); Integer i2 = new Integer(10); System.out.println(i1==i2);    System.out.println(i1.hashCode() == i2.hashCode());  }  }  What will be the output when the preceding program is compiled and executed? A. The program will display the output as: true true B. The program will generate compilation error. C. The program will display the output as:  true false  D. The program will display the output as: false false |
| 19 | Jennie is a software developer in an MNC. In one of her projects, she wrote a program as: class TestQuestion {  public static void main(String s[]) { Integer i = new Integer(9); Integer j = new Integer(13); Integer k = i + j; // error prior to JDK 1.5 System.out.println (k);  }  }  Which of the following reason is behind the successful execution of the preceding program?  A. Overloading B. Overriding C. Autoboxing D. Casting |