Vendor: Oracle

Exam Code:1Z0-808

Exam Name: Java SE 8 Programmer I

Version: Demo

QUESTION 1

Given the code fragment:

```
public static void main(String[] args) {
    String str = " ";
    str.trim();
    System.out.println(str.equals("") + " " + str.isEmpty());
}
```

What is the result?

A. true true

B. true false

C. false false

D. false true

Correct Answer: C

QUESTION 2

Given the code fragment:

```
String color = "teal";

switch (color) {
    case "Red":
        System.out.println("Found Red");
    case "Blue":
        System.out.println("Found Blue");
        break;
    case "Teal":
        System.out.println("Found Teal");
        break;
    default:
        System.out.println("Found Default");
}
```

What is the result?

A. Found Red Found Default

B. Found Teal

C. Found Red Found Blue Found Teal

D. Found Red Found Blue Found Teal Found Default

E. Found Default

Correct Answer: B

QUESTION 3

Given the code fragments: What is the result?

```
public static void main (String [ ] args) {
        int [] stack = {10,20,30};
        int size = 3;
        inti dx = 0;
        /*line n1 */
        System.out.print ("The Top element: " + stack [idx] );
}
```

A. Compilation fails only at line n2.

B. RTool::export Tool::export

C. Tool::export Tool:export

D. Compilation fails only at line n1.

E. Compilation fails at both line n1 and line n2.

Correct Answer: E

QUESTION 4

Given: What is the result?

Person.java:

```java
public class Person {
    String name;
    int age;

    public Person(String n, int a) {
        name = n;
        age = a;
    }

    public String getName() {
        return name;
    }

    public int getAge() {
        return age;
    }
}
```

Test.java:

```java
public static void checkAge(List<Person> list, Predicate<Person> predicate) {
    for (Person p : list) {
        if (predicate.test(p)) {
            System.out.println(p.name + " ");
        }
    }
}

public static void main(String[] args) {
    List<Person> iList = Arrays.asList(new Person("Hank", 45),
                                       new Person("Charlie", 40),
                                       new Person("Smith", 38));
    //line n1
}
```

A. 3 4 5 6

B. 3 4 3 6

C. 5 4 5 6

D. 3 6 4 6

Correct Answer: C

QUESTION 5

Given the following code for a Planet object:

```java
public class Planet {
    public String name;
    public int moons;

    public Planet(String name, int moons) {
        this.name = name;
        this.moons = moons;
    }
}
```

And the following main method:

```java
public static void main(String[] args){
    Planet[] planets = {
        new Planet("Mercury", 0),
        new Planet("Venus", 0),
        new Planet("Earth", 1),
        new Planet("Mars", 2)
    };

    System.out.println(planets);
    System.out.println(planets[2]);
    System.out.println(planets[2].moons);
}
```

What is the output?

A) planets
   Earth
   1

B) [LPlanets.Planet;@15db9742
   Earth
   1

C) [LPlanets.Planet;@15db9742
   Planets.Planet@6d06d69c
   1

D) [LPlanets.Planet;@15db9742
   Planets.Planet@6d06d69c
   [LPlanets.Moon;@7852e922

E) [LPlanets.Planet;@15db9742
   Venus
   0

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: B

QUESTION 6

Given:

```
1. public class Whizlabs {
2.
3.          public static void main(String[] args) {
4.                    String s = "A";
5.
6.                    switch (s) {
7.                    case "a":
8.                              System.out.print("simaple A ");
9.                    default:
10.                             System.out.print("default ");
11.                    case "A":
12.                             System.out.print("Capital A ");
13.                    }
14.          }
15. }
```

Which code fragment, when inserted at line 7, enables the code print true?

```
1. public class Whizlabs{
2.
3.          public static void main(String[] args){
4.                  try{
5.                          Double number = Double.valueOf("120D");
6.                  }catch(NumberFormatException ex){
7.                  }
8.                  System.out.println(number);
9.          }
10. }
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 7

Given the code fragment: What is the result?

```
public class App {
      public static void main(String[] args) {
            int i = 10;
            int j = 20;
            int k = j += i / 5;
            System.out.print(i + " : " + j + " : " + k);
      }
}
```

A. 3

B. 4

C. -1

D. Compilation fails.

Correct Answer: C

QUESTION 8

Which two actions will improve the encapsulation of a class?

A. Changing the access modifier of a field from public to private

B. Removing the public modifier from a class declaration

C. Changing the return type of a method to void

D. Returning a copy of the contents of an array or ArrayList instead of a direct reference

Correct Answer: AD

Reference: http://www.tutorialspoint.com/java/java_access_modifiers.htm

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QUESTION 9

Which of the following exception will be thrown due to the statement given here?

int array[] = new int[-2];

A. NullPointerException

B. NegativeArraySizeException

C. ArrayIndexOutOfBoundsException

D. IndexOutOfBoundsException

E. This statement does not cause any exception.

Correct Answer: B

In given statement we can see that, we have passed negative value for creating int array, which results a NegativeArraySize Except ion. Hence option B is correct. Option A is incorrect as it is thrown when an application attempts to use null in a case where an object is required. Option D is incorrect as IndexOutOfBoundsException thrown to indicate that an index of some sort (such as to an array, to a string, or to a vector) is out of range. REFERENCE rhttpy/docs.oracle.com/iavase/S/docs/api/java/lang/NegativeArraySizeException.html

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QUESTION 10

Given:

```
public class Test {
    public static void main(String[] args) {
        //line n1
        switch (x) {
            case 1:
                System.out.println("One");
                break;
            case 2:
                System.out.println("Two");
                break;
        }
    }
}
```

What is the result?

A. 2 4 6 8

B. 2 4 6 8 9

C. 1 3 5 7

D. 1 3 5 7 9

Correct Answer: D

QUESTION 11

Given the code fragments:

B. Replace line n1 with:
   import p1. A;
   Replace line n2 with:
   import p1.*;

C. Replace line n1 with:
   import p1. A;
   Replace line n2 with:
   import p1. A;
   import p1. p2.B ;

D. Replace line n1 with:
   import p1;
   Replace line n2 with:
   import p1;
   import p1. p2;

Which modification enables the code to compile?

```java
class A {
    public void test () {
        System.out.println ("A");
    }
}
class B extends A {
    public void test () {
        System.out.println ("B");
    }
}
public class C extends A {
    public void test () {
        System.out.println ("C");
    }

    public static void main (String [] args) {
        A b1 = new A ();
        A b2 = new C ();

        b1 = (A) b2;              //line n1
        A b3 = (B) b2;            //line n2
        b1.test ();
        b3.test ();
    }
}
```

A. B.

```
public class SumTest {

    public static void doSum(Integer x, Integer y) {
        System.out.println("Integer sum is " + (x + y));
    }

    public static void doSum(double x, double y) {
        System.out.println("double sum is " + (x + y));
    }

    public static void doSum(float x, float y) {
        System.out.println("float sum is " + (x + y));
    }

    public static void doSum(int x, int y) {
        System.out.println("int sum is " + (x + y));
    }

    public static void main(String[] args) {
        doSum(10, 20);
        doSum(10.0, 20.0);
    }
}
```

C. D.

Correct Answer: C

QUESTION 12

Given: What is the result?

```
public class Product {
    int id;
    String name;
    public Product(int id, String name) {
        this.id = id;
        this.name = name;
    }
}
```

And given the code fragment:

```
4. Product p1 = new Product(101, "Pen");
5. Product p2 = new Product(101, "Pen");
6. Product p3 = p1;
7. boolean ans1 = p1 == p2;
8. boolean ans2 = p1.name.equals(p2.name);
9. System.out.print(ans1 + ":" + ans2);
```

A. true:true

B. true:false

C. false:true

D. false:false

Correct Answer: C