Java SE 11 Developer

Oracle 1z0-819

Version Demo

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QUESTION NO: 1

```
Given:
```

```
public class DNASynth
    int aCount;
    int tCount;
    int cCount;
    int gCount;
    void setACount(int cCount)
        cCount = cCount;
    void setTCount() {
        this.tCount = tCoun
    int setCCount(){
        return cCount;
    int setGCount(int g)
        gCount = g;
        return gCount;
    void setAllCounts(int x) {
        aCount = tCount = this.cCount
```

Which two methods modify field values? (Choose two.)

- A. setAllCounts
- B. setACount
- C. setGCount
- D. setCCount
- E. setTCount

ANSWER: A C



QUESTION NO: 2

Given:

```
int i = 0;
for(; i<10; i++){
    System.out.print(++i + " ");
}</pre>
```

Which two statements are valid to be written in this interface? (Choose two.)

- A. public abstract void methodB();
- **B.** final void methodG(){System.out.println("G");}
- **C.** private abstract void methodC();
- D. public String methodD();
- **E.** public int x;
- **F.** final void methodE();
- **G.** public void methodF(){System.out.println("F");}

ANSWER: A D

QUESTION NO: 3

Given:

```
public class FunctionalInterfaceTest {
   public static void main(String[] args) {
      List fruits = Arrays.asList("apple", "orango", "banana");
      Consumer<String> c = System.out::print;
      Consumer<String> output = c.andThen(x -> System.out.println(":" + x.toUpperCase()));
      fruits.forEach(output);
   }
}
```

What is the output?

- A. :APPLE:ORANGE:BANANA appleorangebanana
- B. :APPLE:ORANGE:BANANA
- C. APPLE:apple ORANGE:orange BANANA:banana
- D. appleorangebanana
- :APPLE:ORANGE:BANANA



E. apple:APPLE orange:ORANGE banana:BANANA

ANSWER: E

QUESTION NO: 4

```
Given:
public interface Interfaceone (
void printone(),
Which three classes successfully override printOne()? (Choose three.)
public abstract class TestClass implements Interfaceone ( public abscracc void printone()
B.
public class TestClass implements InterfaceOne (
private void printone()(
System.out.println("one");
public class TestClass implements InterfaceOr.e (
public voió printone()(
System.out.println("one");
D.
n.public abstract class TestClass implements Interfaceone (
nprintone()(
System.out.println('one');
```

```
E.
public abstract class TestClass implements InterfaceOne {
    public String printOne() {
        return "one";
    }
}

F.
public class TestClass{
    public void printOne() {
        System.out.println("one");
    }
}

A. Option A

B. Option B
```

C. Option C

D. Option D

E. Option E

F. Option F

ANSWER: A C D

QUESTION NO: 5

Given the code fragment:

```
String s1 = new String("ORACLE");
String s2 = "ORACLE";
String s3 = s1.intern();

System.out.print((s1==s2) + " ");
System.out.print((s2==s3) + " ");
System.out.println(s1==s3);
```

What is the result?

A. false true true

- B. true false false
- C. false false true
- D. false true false

ANSWER: D

QUESTION NO: 6

Given the code fragment:

```
8. public class Test {
 9.
      private final int x = 1;
10.
       static final int y;
11.
        public Test() (
12.
          System.out.print(x);
13.
            System.out.print(y);
14.
15.
        public static void main (String
16.
17.
18. )
```

What is the result?

- **A.** 1
- B. The compilation fails at line
- **C.** 10
- **D.** The compilation fails at line 16.
- **E.** The compilation fails at line 13.

ANSWER: C

QUESTION NO: 7

Given:

```
public interface A {
    public Iterable a();
}
public interface B extends A {
    public Collection a();
}
public interface C extends A {
    public Path a();
}
public interface D extends B, C {
}
```

Why does D cause a compilation error?

- A. D inherits a() only from C.
- **B.** D inherits a() from B and C but the return types are incompatible.
- C. D extends more than one interface.
- **D.** D does not define any method.

ANSWER: B

QUESTION NO: 8

Analyze the code:

```
public class Test {
    static String prefix = "Global:";
    private String name = "namescope";
    public static String getName() {
        return new Test().name;
    }
    public static void main(String[] args) {
        Test t = new Test();
        System.out.println(/* Insert code here */);
    }
}
```

Which two options can you insert inside println method to produce Global:namescope? (Choose two.)

A. Test.prefix+Test.name

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- B. new Test().prefix+new Test().name
- C. Test.prefix+Test.getName()
- D. Test.getName+prefix
- E. prefix+Test.name
- F. prefix+name

ANSWER: B C

QUESTION NO: 9

Given the code fragment:

```
9. Integer[] ints = {1,2,3,4,5,6,7};
10. var list = Arrays.asList(ints);
11. UnaryOperator<Integer> uo = x -> x * 3;
12. list.replaceAll(uo);
```

Which can replace line 11?

- **A.** UnaryOperator uo = (var x) -> (x * 3);
- **B.** UnaryOperatoruo = var x -> { return x 3 ; };
- **C.** UnaryOperatoruo = x -> { return x * 3; };
- **D.** UnaryOperatoruo = (int x) -> x * 3;

ANSWER: A

QUESTION NO: 10

Assuming the Widget class has a getPrice method, this code does not compile:

```
List widgets = List.of(new Widget("Basic Widget", 19.55), // line 1

new Widget("Enhanced Widget", 35.00),

new Widget("Luxury Edition Widget", 55.45));

Stream widgetStream = widgets.stream(); // line 4

widgetStream.filter(a -> a.getPrice() > 20.00) // line 5

.forEach(System.out::println);
```

Which two statements, independently, would allow this code to compile? (Choose two.)

- **A.** Replace line 5 with widgetStream.filter(a > ((Widget)a).getPrice() > 20.00).
- **B.** Replace line 1 with List widgetStream = widgets.stream();.
- **C.** Replace line 5 with widgetStream.filter((Widget a) > a.getPrice() > 20.00).
- **D.** Replace line 4 with Stream widgetStream = widgets.stream();.

ANSWER: A D

QUESTION NO: 11

Which three initialization statements are correct? (Choose three.)

```
A. int x = 12_34;
```

- **B.** short sh = (short)'A';
- **C.** String contact# = (+2) (999) (232)";
- **D.** boolean true = (4 == 4);
- **E.** float x = 1.99;
- **F.** int[][] $e = \{\{1,1\},\{2,2\}\};$
- **G.** byte b = 10; char c = b;

ANSWER: ABF

QUESTION NO: 12

Given:

```
List<String> list1 = new LinkedList<String>();
Set<String> hs1 = new HashSet<String>();
String[] v = {"a", "b", "c", "b", "a"};
for (String s: v) {
    list1.add(s);
    hs1.add(s);
}
System.out.print(hs1.size() + " " + list1.size() + " ");
HashSet hs2 = new HashSet(list1);
LinkedList list2 = new LinkedList(hs1);
System.out.print(hs2.size() + " " + list2.size());
```

What is the result?

A. 3533

B. 3 3 3 3

C. 3535

D. 5 5 3 3

ANSWER: A

QUESTION NO: 13

Given:

```
import java.util. *;
public class Main {
  static Map<String, String> map = new HashMap<
  static List<String> keys =
         new ArrayList<>(List.of("S",
  static String[] values =
         {"senate", "people",
  static {
    for(var i = 0; i < keys.size(); i++)
      map.put(keys.get(i), values[i]);
  public static void main(String[] args) {
    keys.clear();
    values = new String[0];
    System.out.println("Keys: " + keys.size()
             " Values: " + values.length +
              " Map: " + map.size());
```

What is the result?

A. Keys: 4 Values: 4 Map: 0

B. Keys: 4 Values: 4 Map: 4

C. The compilation fails.

D. Keys: 0 Values: 0 Map:

E. Keys: 0 Values: 0 Map: 0

ANSWER: B

QUESTION NO: 14

Given:

```
public class Test {
    public static void main(String[] args) {
        int x;
        int y = 5;
        if (y > 2) {
            x = ++y;
            y = x + 7;
        } else {
            y++;
        }
        System.out.print(x + " " + y);
    }
}
```

What is the result?

A. compilation error

B. 0 5

C. 6 13

D. 5 12

ANSWER: A

QUESTION NO: 15

Given an application with a main module that has this module-info.java file:



```
module main {
   exports country;
   uses country.CountryDetails;
```

Which two are true? (Choose two.)

- A. A module providing an implementation of country. Country Details can be compiled and added without recompiling the main module.
- B. A module providing an implementation of country. Country Details must have a requires main; directive in its moduleinfo.java file.
- **C.** An implementation of country.countryDetails can be added to the main module.
- D. To compile without an error, the application must have at least one module in the module source path that provides an implementation of country.CountryDetails.
- E. To run without an error, the application must have at least one module in the module path that provides an implementation of country.CountryDetails.

ANSWER: B D