Java SE 11 Developer

Oracle 1z0-819

Version Demo

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QUESTION NO: 1

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

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: 2

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. 3 5 3 3

B. 3 3 3 3

C. 3 5 3 5

D. 5 5 3 3

ANSWER: A

QUESTION NO: 3

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: 4

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) \rightarrow (x * 3);
- **B.** UnaryOperatoruo = var x -> { return x 3 ; };
- **C.** UnaryOperatoruo = x -> { return x * 3; };
- **D.** UnaryOperatoruo = (int x) \rightarrow x * 3;

ANSWER: A

QUESTION NO: 5

Given:

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

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

A. setAllCounts

B. setACount

C. setGCount

```
D. setCCount
```

E. setTCount

ANSWER: A C

QUESTION NO: 6

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: 7

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
- 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: 8

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.CountryDetails can be compiled and added without recompiling the main module.

B. A module providing an implementation of country.CountryDetails must have a requires main; directive in its module-info.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

QUESTION NO: 9

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
                                         args[]
16.
            new Test();
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: 10

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: 11

Given: public interface Interfaceone (void printone(), Which three classes successfully override printOne()? (Choose three.) public abstract class TestClass implements Interfaceone (public abscracc void printone() Β. 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: 12

Given:

```
public class FunctionalInterfaceTest {
    public static void main(String[] args) {
        List fruits = Arrays.asList("apple", "orange", "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: 13

Given:

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

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: 14

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: A B F

QUESTION NO: 15

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",
                               "of",
                                      "rome"
  static {
    for(var i = 0; i < keys.size(); i++)</pre>
      map.put(keys.get(i), values[i]);
    3
  }
  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