Oracle_RealExamQuestions.Com_1Z0-851_v2011-11-09_265q_By-Bomas

Exam A

QUESTION 1
Given:

```
class Nav{
    public enum Direction { NORTH, SOUTH, EAST, WEST }
}

public class Sprite{
    // insert code here
}
```

Which code, inserted at line 14, allows the Sprite class to compile?

A. Direction d = NORTH;
B. Nav.Direction d = NORTH;
C. Direction d = Direction.NORTH;
D. Nav.Direction d = Nav.Direction.NORTH;

Correct Answer: D

QUESTION 2
Given:

```
01. public class Rainbow {
02.     public enum MyColor {
03.         RED(0xff0000), GREEN(0x00ff00), BLUE(0x0000ff);
04.         private final int rgb;
05.         MyColor(int rgb) { this.rgb = rgb; }
06.         public int getRGB() { return rgb; }
07.     };
08.     public static void main(String[] args) {
09.         //insert code here
10.     }
11. }
```

Which code fragment, inserted at line 9, allows the Rainbow class to compile?

A. `MyColor skyColor = BLUE;`
B. `MyColor treeColor = MyColor.GREEN;`
C. `if(RED.getRGB() < BLUE.getRGB()) { }`
D. Compilation fails due to other error(s) in the code.
E. `MyColor purple = new MyColor(0xff00ff);`
F. `MyColor purple = MyColor.BLUE + MyColor.RED;`

Correct Answer: B

QUESTION 3
Given:

```
enum Example { ONE, TWO, THREE }
```

Which statement is true?

A. The expressions (ONE == ONE) and ONE.equals(ONE) are both guaranteed to be true.
B. The expression (ONE < TWO) is guaranteed to be true and ONE.compareTo(TWO) is guaranteed to be less than one.
C. The Example values cannot be used in a raw java.util.HashMap; instead, the programmer must use a java.util.EnumMap.
D. The Example values can be used in a java.util.SortedSet, but the set will NOT be sorted because

enumerated types do NOT implement java.lang.Comparable.

Correct Answer: A

QUESTION 4
Given:

```
11. public enum Title {
12.     MR("Mr."), MRS("Mrs."), MS("Ms.");
13.      private final String title;
14.      private Title(String t) { title = t; }
15.      public String format(String last, String first) {
16.          return title + " " + first + " " + last;
17.      }
18. }
19.
20. public static void main(String[] args) {
21.     System.out.println(Title.MR.format("Doe", "John"));
22. }
```

What is the result?

A. Mr. John Doe
B. An exception is thrown at runtime.
C. Compilation fails because of an error in line 12.
D. Compilation fails because of an error in line 15.
E. Compilation fails because of an error in line 21.

Correct Answer: A

QUESTION 5
Given:

```
public class Test {
    public enum Dogs {collie, harrier};

    public static void main(String [] args) {
        Dogs myDog = Dogs.collie;
        switch (myDog) {
        case collie:
            System.out.print("collie ");
        case harrier:
            System.out.print("harrier ");
        }
    }
}
```

What is the result?

A. collie
B. harrier
C. Compilation fails.
D. collie harrier
E. An exception is thrown at runtime.

Correct Answer: D

QUESTION 6
Click the Exhibit button.

```
1. import java.util.*;
2. public class TestSet{
```

```
3.      enum Example {ONE, TWO, THREE }
4.      public static void main(String[] args) {
5.          Collection coll = new ArrayList();
6.          coll.add(Example.THREE);
7.          coll.add(Example.THREE);
8.          coll.add(Example.THREE);
9.          coll.add(Example.TWO);
10.         coll.add(Example.TWO);
11.         coll.add(Example.ONE);
12.         Set set = new HashSet(coll);
13.     }
14. }
```

Which statement is true about the set variable on line 12?

A. The set variable contains all six elements from the coll collection, and the order is guaranteed to be preserved.

B. The set variable contains only three elements from the coll collection, and the order is guaranteed to be preserved.

C. The set variable contains all six elements from the coll collection, but the order is NOT guaranteed to be preserved.

D. The set variable contains only three elements from the coll collection, but the order is NOT guaranteed to be preserved.

Correct Answer: D

QUESTION 7
Given:

```
1. public class Test {
2.      public enum Dogs {collie, harrier, shepherd};
3.      public static void main(String [] args) {
4.          Dogs myDog = Dogs.shepherd;
5.          switch (myDog) {
6.          case collie:
7.              System.out.print("collie ");
8.          case default:
9.              System.out.print("retriever ");
10.         case harrier:
11.             System.out.print("harrier ");
12.         }
13.     }
14. }
```

What is the result?

A. harrier
B. shepherd
C. retriever
D. Compilation fails.
E. retriever harrier
F. An exception is thrown at runtime.

Correct Answer: D

QUESTION 8

Select and Place:

Place the lines in the correct order to complete the enum.

```
enum Element {
```

| 1st |
| 2nd |
| 3rd |
| 4th |
| 5th |

Lines

```
public String info() { return "element"; }
```

```
};
```

```
FIRE { public String info() { return "Hot"; }
```

```
EARTH, WIND,
```

```
}
```

Correct Answer:

Place the lines in the correct order to complete the enum.

```
enum Element {
```

```
EARTH, WIND,
```

```
FIRE { public String info() { return "Hot"; }
```

```
}
```

```
public String info() { return "element"; }
```

```
};
```

Lines

QUESTION 9
Given:

```
1. package sun.scjp;
2. public enum Color { RED, GREEN, BLUE }
```

```
1. package sun.beta;
2. // insert code here
3. public class Beta {
4.    Color g = GREEN;
5.    public static void main( String[] argv)
6.    { System.out.println(GREEN); }
7. }
```

The class Beta and the enum Color are in different packages.

Which two code fragments, inserted individually at line 2 of the Beta declaration, will allow this code to compile? (Choose two.)

A. import sun.scjp.Color.*;
B. import static sun.scjp.Color.*;
C. import sun.scjp.Color;
   import static sun.scjp.Color.*;
D. import sun.scjp.*;
   import sun.scjp.Color.*;
E. import sun.scjp.Color;
   import static sun.scjp.Color.GREEN;

Correct Answer: CE