

# Oracle 1z0-850

**Java Standard Edition 5 and 6, Certified Associate  
Exam**

**Practice Test**

Version: 14.20

**QUESTION NO: 1**

Which two are true? (Choose two.)

- A. J2EE runs on consumer and embedded devices.
- B. J2EE includes the MIDP API.
- C. J2EE includes servlet APIs and EJB APIs.
- D. J2EE application developers need J2SE.
- E. J2EE applications depend on web servers.

**Answer: C,D**

**Explanation:**

**QUESTION NO: 2**

Which two are associated with the web tier in a J2EE web-based application? (Choose two.)

- A. servlets
- B. JAX-RPC
- C. JMS
- D. entity beans
- E. JSP

**Answer: A,E**

**Explanation:**

**QUESTION NO: 3**

Given:

1. class Test {
2. public static void main(String args[]) {
3. int num1 = 10, num2 = 20, result;
4. result = calc(num1, num2);
5. System.out.println(result);
6. }
- 7.

8. // insert code here

9. }

Which, inserted at line 8, produces the output 30?

- A. `static int calc(int n1, int n2) { return; }`
- B. `public int calc(int n1, int n2) { return n1 + n2; }`
- C. `public int calc(int n1, int n2) { return; }`
- D. `static int calc(int n1, int n2) { return n1 + n2; }`
- E. `static void calc(n1, n2) { return (n1 + n2); }`
- F. `static int calc(int n1, n2) { return n1, n2; };`

**Answer: D**

**Explanation:**

#### QUESTION NO: 4

Given:

- 1. `public abstract class Wow {`
- 2. `private int wow;`
- 3. `public Wow(int wow) {`
- 4. `this.wow = wow;`
- 5. `}`
- 6. `public void wow() { }`
- 7. `private void wowza() { }`
- 8. `}`

Which is true about the class Wow?

- A. It does NOT compile because an abstract class must have at least one abstract method.
- B. It does NOT compile because an abstract class CANNOT have instance variables.
- C. It compiles without error.
- D. It does NOT compile because an abstract class CANNOT have private methods.
- E. It does NOT compile because an abstract class must have a constructor with no arguments.

**Answer: C**

**Explanation:**

**QUESTION NO: 5**

Given:

```
1. class X {  
2. private Y y;  
3. public X(Y y) { this.y = y; }  
4. }  
5. class Y {  
6. private X x;  
7. public Y() {}  
8. public Y(X x) { this.x = x; }  
9. }
```

The instance variable y is intended to represent the composition relationship "X is composed of Y."

Which code correctly maintains this meaning?

**A.** X x1 = new X(new Y());  
X x2 = new X(new Y());  
**B.** X xx = new X(null);  
Y y1 = new Y(xx);  
Y y2 = new Y(xx);  
**C.** Y yy = new Y();  
X x1 = new X(yy);  
X x2 = new X(yy);  
**D.** Y y1 = new Y(new X(null));  
Y y2 = new Y(new X(null));

**Answer: A**

**Explanation:**

**QUESTION NO: 6**

Which type of J2EE component is used to store business data persistently?

- A. stateless session beans
- B. JavaBeans
- C. stateful session beans
- D. entity beans
- E. JavaServer Pages

**Answer: D**

**Explanation:**

**QUESTION NO: 7**

What is the purpose of JNDI?

- A. to access native code from a Java application
- B. to parse XML documents
- C. to access various directory services using a single interface
- D. to register Java Web Start applications with a web server

**Answer: C**

**Explanation:**

**QUESTION NO: 8**

Which two are true about HTML? (Choose two.)

- A. HTML can set up hypertext links between documents.
- B. HTML uses tags to structure text into headings, paragraphs, and lists.
- C. HTML is an object-oriented programming language.
- D. HTML documents CANNOT be browsed by a text editor.

**Answer: A,B**

**Explanation:**

**QUESTION NO: 9**

Given:

```
4. class Example {  
5. int x = 50;  
6. int y = 100;  
7. public static void main(String args[]) {  
8. int x = 0, y = 10;  
9. Example ex = new Example();  
10. while (x < 3) {  
11. x++; y--;  
12. }  
13. System.out.println("x = " + x + " , y = " + y);  
14. }  
15. }
```

What is the result?

- A. Compilation fails because of an error at line 8.
- B. x = 3 , y = 7
- C. Compilation fails because of an error at line 11.
- D. Compilation fails because of an error at line 9.
- E. x = 53 , y = 97
- F. Compilation fails because of an error at line 10.

**Answer: B**

**Explanation:**

#### QUESTION NO: 10

You have developed a MIDlet that runs on a Java-enabled Personal Digital Assistant (PDA) device. Now, your employer has asked you to port the MIDlet to run on other Java platforms. Which is true?

- A. The MIDlet is 100% portable across all J2ME devices.

- B. The MIDlet can run within a standard web browser.
- C. The MIDlet is guaranteed to run correctly under J2SE.
- D. The MIDlet is NOT guaranteed to run on a Java technology-enabled phone.

**Answer: D**

**Explanation:**

#### **QUESTION NO: 11**

Which statement is true?

- A. JMS enables an application to provide flexible, asynchronous data exchange.
- B. JMS provides interfaces to naming and directory services.
- C. The JMS API is located in the java.jms package.
- D. JMS enables an application to provide tightly coupled, distributed communication.

**Answer: A**

**Explanation:**

#### **QUESTION NO: 12**

Which two are true about stateless session beans? (Choose two.)

- A. They are used to represent data stored in an RDBMS.
- B. They implement the JMS API.
- C. They are used to implement business logic.
- D. They CANNOT hold client state.

**Answer: C,D**

**Explanation:**

#### **QUESTION NO: 13**

Which two are true about javax.swing? (Choose two.)

- A. It includes classes for creating buttons and panels.
- B. It is used to create MIDlets.
- C. It is used to create applications that have the same user interface on different platforms.

D. It uses the native GUI components of each platform.

**Answer: A,C**

**Explanation:**

#### QUESTION NO: 14

Which two are true? (Choose two.)

- A. An interface CANNOT be extended by another interface.
- B. An abstract class CANNOT be extended by an abstract class.
- C. An interface can be extended by an abstract class.
- D. An abstract class can implement an interface.
- E. An abstract class can be extended by a concrete class.
- F. An abstract class can be extended by an interface.

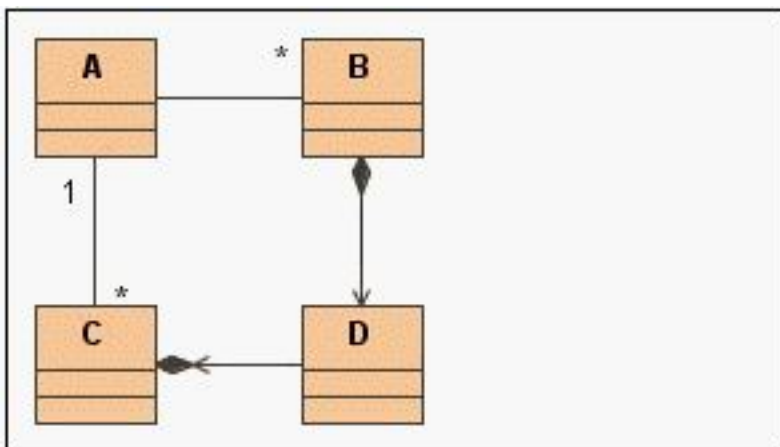
**Answer: D,E**

**Explanation:**

#### QUESTION NO: 15

Click the Exhibit button.

Which relationships, referenced by the class names involved, are drawn using valid UML notation?



- A. AB, AC, BD, and CD
- B. only AC, BD, and CD
- C. only AB, AC, and BD
- D. only AB and AC



E. only BD and CD

**Answer: A**

**Explanation:**

**QUESTION NO: 16**

Given:

12. String s = "abcdefgabc";

13. char c = s.charAt(2);

14.

15. if (c == 'c')

16. s = s.replace('c', 'X');

17. else if (c == 'b')

18. s = s.replace('b', 'O');

19. else

20. s = s.replace('c', 'O');

21. System.out.println(s);

What is the result?

- A. aOcdefgabc
- B. Compilation fails.
- C. abOdefgabc
- D. abXdefgabc
- E. abOdefgabO
- F. aOcdefgaOc
- G. abXdefgabX

**Answer: G**

**Explanation:**

**QUESTION NO: 17**

Which package contains classes used to create data collections, such as maps or queues?

- A. java.lang
- B. java.io
- C. java.awt
- D. java.net
- E. javax.swing
- F. java.util

**Answer: F**

**Explanation:**

**QUESTION NO: 18**

Given:

1. interface A { }
2. interface B { void b(); }
3. interface C { public void c(); }
4. abstract class D implements A,B,C { }
5. class E extends D {
6. void b() { }
7. public void c() { }
8. }

Which is true?

- A. Compilation fails due to an error in line 6.
- B. The code compiles without error.
- C. Compilation fails due to an error in line 2.
- D. Compilation fails due to an error in line 4.
- E. Compilation fails due to an error in line 1.

**Answer: A**

**Explanation:**