



Oracle

Exam Questions 1z0-808

Java SE 8 Programmer I

NEW QUESTION 1

Given:

```
public static void main(String[] args) {  
    String ta = "A ";  
    ta = ta.concat("B ");  
    String tb = "C ";  
    ta = ta.concat(tb);  
    ta.replace('C', 'D');  
    ta = ta.concat(tb);  
    System.out.println(ta);  
}
```

What is the result?

- A. A B C D
- B. A C D
- C. A C D D
- D. A B D
- E. A B D C

Answer: C**NEW QUESTION 2**

Given the following main method:

```
public static void main(String[] args) {  
    int num = 5;  
    do {  
        System.out.print(num-- + " ");  
    } while(num == 0);  
}
```

What is the result?

- A. 5 4 3 2 1 0
- B. 5 4 3 2 1
- C. 4 2 1
- D. 5
- E. Nothing is printed

Answer: D**NEW QUESTION 3**

Given the definitions of the MyString class and the Test class:

```
package p1;  
class MyString {  
    String msg;  
    MyString(String msg) {  
        this.msg = msg;  
    }  
}
```

Test.java:

```
package p1;  
public class Test {  
    public static void main(String[] args) {  
        System.out.println("Hello " + new StringBuilder("Java SE 8"));  
        System.out.println("Hello " + new MyString("Java SE 8").msg);  
    }  
}
```

What is the result?

- A
- ```
Hello Java SE 8
Hello Java SE 8
```
- B
- ```
Hello java.lang.StringBuilder@<<hashCode1>>
Hello pl.MyString@<<hashCode2>>
```
- C
- ```
Hello Java SE 8
Hello pl.MyString@<<hashCode>>
```
- D Compilation fails at the Test class

- A. Option A  
B. Option B  
C. Option C  
D. Option D  
E. Option E

**Answer: D**

#### NEW QUESTION 4

Given the code fragment:

```
int x = 100;
int a = x++;
int b = ++x;
int c = x++;
int d = (a < b) ? (a < c) ? a : (b < c) ? b : c : x;
System.out.println(d);
```

What is the result?

- A. 100  
B. 101  
C. 102  
D. 103  
E. Compilation fails

**Answer: E**

#### NEW QUESTION 5

Given the code fragment:

```
public static void main(String[] args) {
 short s1 = 200;
 Integer s2 = 400;
 Long s3 = (long) s1 + s2; //line n1
 String s4 = (String) (s3 * s2); //line n2
 System.out.println("Sum is " + s4);
}
```

What is the result?

- A. Sum is 600  
B. Compilation fails at line n1.  
C. Compilation fails at line n2.  
D. A ClassCastException is thrown at line n1.  
E. A ClassCastException is thrown at line n2.

**Answer: C**

#### NEW QUESTION 6

Given the code fragment:

```
public static void main(String[] args) {
 int data[] = {2010, 2013, 2014, 2015, 2014};
 int key = 2014;
 int count = 0;
 for (int e: data) {
 if (e != key) {
 continue;
 count++;
 }
 }
 System.out.print(count + " Found");
}
```

What is the result?

- A. Compilation fails.
- B. 0 Found
- C. 1 Found
- D. 3 Found

**Answer:** A

#### NEW QUESTION 7

Given:

```
public class App {
 int count;
 public static void displayMsg() {
 System.out.println("Welcome Visit Count: " + count++); // line n1
 }
 public static void main(String[] args) {
 App.displayMsg();
 displayMsg(); // line n2
 }
}
```

What is the result?

- A. Welcome Visit Count:0Welcome Visit Count: 1
- B. Compilation fails at line n2.
- C. Compilation fails at line n1.
- D. Welcome Visit Count:0Welcome Visit Count: 0

**Answer:** C

**Explanation:**

```
1
2 public class App {
3 int count;
4 public static void displayMsg() {
5 System.out.println("Welcome Visit Count: " + count ++); //line n1
6 }
7 public static void main(String[] args) {
8 App.displayMsg();
9 displayMsg();
10 }
11 }
12
```

#### NEW QUESTION 8

Given:

```
class Patient {
 String name;
 public Patient (String name) {
 this.name = name;
 }
}
```

And the code fragment:

```
8. public class Test {
9. public static void main (String [] args) {
10. List ps = new ArrayList ();
11. Patient p2 = new Patient ("Mike");
12. ps.add(p2);
13.
14. // insert code here
15.
16. if (f >= 0) {
17. System.out.print ("Mike Found");
18. }
19. }
20. }
```

Which code fragment, when inserted at line 14, enables the code to print Mike Found?

A

```
int f = ps.indexOf (p2);
```

B

```
int f = ps.indexOf (Patient ("Mike"));
```

C

```
int f = ps.indexOf (new Patient "Mike"));
```

D

```
Patient p = new Patient("Mike");
int f = ps.indexOf(p)
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** A

#### NEW QUESTION 9

Given:

```
public class MyClass {
 public static void main(String[] args) {
 String s = "Java SE 8 1";
 int len = s.trim().length();
 System.out.print(len);
 }
}
```

What is the result?

- A. Compilation fails.
- B. 11
- C. 8
- D. 9
- E. 10

**Answer:** B

#### NEW QUESTION 10

Given the code fragment:

```
public class Employee {
 String name;
 boolean contract;
 double salary;
 Employee() {
 // line n1
 }
 public String toString(){
 return name + ":" + contract + ":" + salary;
 }
 public static void main(String[] args) {
 Employee e = new Employee();
 // line n2
 System.out.print(e);
 }
}
```

Which two modifications, when made independently, enable the code to print Joe:true: 100.0? (Choose two.)

- ☐ A) Replace line n2 with:  
e.name = "Joe";  
e.contract = true;  
e.salary = 100;
- ☐ B) Replace line n2 with:  
this.name = "Joe";  
this.contract = true;  
this.salary = 100;
- ☐ C) Replace line n1 with:  
this.name = new String("Joe");  
this.contract = new Boolean(true);  
this.salary = new Double(100);
- ☐ D) Replace line n1 with:  
name = "Joe";  
contract = TRUE;  
salary = 100.0f;
- ☐ E) Replace line n1 with:  
this("Joe", true, 100);

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer:** AC

#### NEW QUESTION 10

Given:

```
class X {
 static int i;
 int j;
 public static void main(String[] args) {
 X x1 = new X();
 X x2 = new X();
 x1.i = 3;
 x1.j = 4;
 x2.i = 5;
 x2.j = 6;
 System.out.println(
 x1.i + " " +
 x1.j + " " +
 x2.i + " " +
 x2.j);
 }
}
```

What is the result?

- A. 3 4 5 6
- B. 3 4 3 6
- C. 5 4 5 6
- D. 3 6 4 6



Answer: C

#### NEW QUESTION 11

Given the code fragment:

```
LocalDateTime dt = LocalDateTime.of(2014, 7, 31, 1, 1);
dt.plusDays(30);
dt.plusMonths(1);
System.out.println(dt.format(DateTimeFormatter.ISO_DATE_TIME));
```

What is the result?

- A. An exception is thrown at runtime
- B. 2014-07-31T01:01:00
- C. 2014-07-31
- D. 2014-09-30T00:00:00

Answer: B

#### NEW QUESTION 16

Which statement is true about Java byte code?

- A. It can run on any platform.
- B. It can run on any platform only if it was compiled for that platform.
- C. It can run on any platform that has the Java Runtime Environment.
- D. It can run on any platform that has a Java compiler.
- E. It can run on any platform only if that platform has both the Java Runtime Environment and a Java compiler.

Answer: D

#### Explanation:

Java bytecodes help make "write once, run anywhere" possible. You can compile your program into bytecodes on any platform that has a Java compiler. The bytecodes can then be run on any implementation of the Java VM. That means that as long as a computer has a Java VM, the same program written in the Java programming language can run on Windows 2000, a Solaris workstation, or on an iMac.

#### NEW QUESTION 19

Given:

```
interface I {
 public void displayI();
}
abstract class C2 implements I {
 public void displayC2() {
 System.out.print("C2");
 }
}
class C1 extends C2 {
 public void displayI() {
 System.out.print("C1");
 }
}
```

And the code fragment:

```
C2 obj1 = new C1();
I obj2 = new C1();

C2 s = (C2) obj2;
I t = obj1;

t.displayI();
s.displayC2();
```

What is the result?

- A. C1C2
- B. C1C1
- C. Compilation fails.
- D. C2C2

Answer: A

#### Explanation:

lund

src

App.java

```

1
2 interface I {
3 public void displayI();
4 }
5 abstract class C2 implements I {
6 public void displayC2() {
7 System.out.print("C2");
8 }
9 }
10 class C1 extends C2 {
11 public void displayI() {
12 System.out.print("C1");
13 }
14
15 }
16
17 public class App {
18 public static void main(String[] args) {
19 C2 obj1 = new C1();
20 I obj2 = new C1();
21
22 C2 s = (C2) obj2;
23 I t = obj1;
24
25 t.displayI();
26 s.displayC2();
27 }
28
29 }

```

Console 1

Console 2

Console 3

Console 4

C1C2  
Completed with exit code: 0

#### NEW QUESTION 24

Given:



```
class Test {
 int a1;

 public static void doProduct(int a) {
 a = a * a;
 }

 public static void doString(String s) {
 s.concat(" " + s);
 }

 public static void main(String[] args) {
 Test item = new Test();
 item.a1 = 11;
 String sb = "Hello";
 Integer i = 10;
 doProduct(i);
 doString(sb);
 doProduct(item.a1);
 System.out.println(i + " " + sb + " " + item.a1);
 }
}
```

What is the result?

- A. 10 Hello Hello 11
- B. 10 Hello Hello 121
- C. 100 Hello 121
- D. 100 Hello Hello 121
- E. 10 Hello 11

**Answer:** E

#### NEW QUESTION 29

Which two code fragments cause a compilation error? (Choose two.)

- A. float flt = 100.00F;
- B. float flt = (float) 1\_11.00;
- C. Float flt = 100.00;
- D. double y1 = 203.22;float flt = y1;
- E. int y2 = 100;float flt = (float) y2 ;

**Answer:** AD

#### NEW QUESTION 34

Given the code fragment:

```
int wd = 0;
String days[] = {"sun", "mon", "wed", "sat"};
for (String s:days) {
 switch (s) {
 case "sat":
 case "sun":
 wd -= 1;
 break;
 case "mon":
 wd++;
 case "wed":
 wd += 2;
 }
}
System.out.println(wd);
```

What is the result?

- A. 3
- B. 4
- C. -1
- D. Compilation fails.

**Answer:** A

**NEW QUESTION 39**

Given:

```
public class Test {
 public static void main(String[] args) {
 Test ts = new Test();
 System.out.print(isAvailable + " ");
 isAvailable= ts.doStuff();
 System.out.println(isAvailable);
 }
 public static boolean doStuff() {
 return !isAvailable;
 }
 static boolean isAvailable = false;
}
```

What is the result?

- A. Compilation fails.
- B. false true
- C. true false
- D. true true
- E. false false

**Answer: B****NEW QUESTION 41**

Which three are advantages of the Java exception mechanism? (Choose three.)

- A. Improves the program structure because the error handling code is separated from the normal program function
- B. Provides a set of standard exceptions that covers all possible errors
- C. Improves the program structure because the programmer can choose where to handle exceptions
- D. Improves the program structure because exceptions must be handled in the method in which they occurred
- E. Allows the creation of new exceptions that are customized to the particular program being created

**Answer: ACE****NEW QUESTION 43**

Which statement is true about the switch statement?

- A. It must contain the default section.
- B. The break statement, at the end of each case block, is optional.
- C. Its case label literals can be changed at runtime.
- D. Its expression must evaluate to a collection of values.

**Answer: B****NEW QUESTION 44**

Given the code fragment:

```
LocalDate date1 = LocalDate.now();
LocalDate date2 = LocalDate.of(6, 20, 2014);
LocalDate date3 = LocalDate.parse("2014-06-20", DateTimeFormatter.ISO_DATE);
System.out.println("date1 = " + date1);
System.out.println("date2 = " + date2);
System.out.println("date3 = " + date3);
```

Assume that the system date is June 20, 2014. What is the result?

- A  
date1 = 2014-06-20  
date2 = 2014-06-20  
date3 = 2014-06-20
- B  
date1 = 06/20/2014  
date2 = 2014-06-20  
date3 = Jun 20, 2014
- C Compilation fails.
- D An exception is thrown at runtime.

- A. Option A
- B. Option B

- C. Option C
- D. Option D

**Answer:** A

#### NEW QUESTION 48

Which three statements describe the object-oriented features of the Java language? (Choose three.)

- A. Objects cannot be reused.
- B. A subclass must override the methods from a superclass.
- C. Objects can share behaviors with other objects.
- D. A package must contain a main class.
- E. Object is the root class of all other objects.
- F. A main method must be declared in every class.

**Answer:** BCF

#### NEW QUESTION 53

Which statement will empty the contents of a StringBuilder variable named sb?

- A. s
- B. deleteAll ();
- C. s
- D. delete (0, s
- E. size () );
- F. s
- G. delete (0, s
- H. length () );
- I. s
- J. removeAll ();

**Answer:** C

#### NEW QUESTION 56

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