

Vendor: Oracle

Exam Code: 1Z0-808

Exam Name: Java SE 8 Programmer I

Question 71—Question 80

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QUESTION 71

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

Answer: C no ans. Correct result: ABCC

Explanation:

The line "ta.replace('C', 'D');" returns a string that is never assigned to ta.

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QUESTION 72

Given the code fragment:

```
3. public static void main(String[] args) {  
4.     int x = 5;  
5.     while (isAvailable(x)) {  
6.         System.out.print(x);  
7.  
8.     }  
9. }  
10.  
11. public static boolean isAvailable(int x) {  
12.     return x-- > 0 ? true : false;  
13. }
```

Which modification enables the code to print 54321?

- A. Replace line 6 with System, out. print (--x) ;
- B. At line 7, insert x --;
- C. Replace line 6 with --x; and, at line 7, insert system, out. print (x);
- D. Replace line 12 With return (x > 0) ? false: true;

Answer: B

QUESTION 73

Given the code fragment:

```
4. public static void main(String[] args) {  
5.     boolean opt = true;  
6.     switch (opt) {  
7.         case true:  
8.             System.out.print("True");  
9.             break;  
10.        default:  
11.            System.out.print("***");  
12.        }  
13.        System.out.println("Done");  
14. }
```

Which modification enables the code fragment to print TrueDone?

- A. Replace line 5 With String result = "true";
Replace line 7 with case "true":
- B. Replace line 5 with boolean opt = !;
Replace line 7 with case 1=
- C. At line 9, remove the break statement.
- D. Remove the default section.

Answer: A

Explanation:

Switch statements with String cases were implemented in Java SE 7.

QUESTION 74

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

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- C. 4 2 1
- D. 5
- E. Nothing is printed

Answer: D

Explanation:

The loop body executes only once because on the while condition num = 4.
When the execution reaches System.out.print, num = 5.

QUESTION 75

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;  
System.out.println(d);
```

What is the result?

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

Answer: E

Explanation:

Compilation fails with error ": expected" because we have three ternary operators but only two colons.

QUESTION 76

Given:

```
public class Test {  
    public static void main(String[] args) {  
        String[][] chs = new String[2][];  
        chs[0] = new String[2];  
        chs[1] = new String[5];  
        int i = 97;  
  
        for (int a = 0; a < chs.length; a++) {  
            for (int b = 0; b < chs.length; b++) {  
                chs[a][b] = "" + i;  
                i++;  
            }  
        }  
  
        for (String[] ca : chs) {  
            for (String c : ca) {  
                System.out.print(c + " ");  
            }  
            System.out.println();  
        }  
    }  
}
```

What is the result?

- A. 97 98
99 100 null null null
- B. 91 98
99 100 101 102 103
- C. Compilation fails.
- D. A NullPointerException is thrown at runtime.
- E. An ArrayIndexOutOfBoundsException is thrown at runtime.

Answer: A

Explanation:

When we exit first loop we have

chs[0][0] = 97

chs[0][1] = 98

chs[1][0] = 99

chs[1][1] = 100

chs[1][2] = null;

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chs[1][3] = null;
chs[1][4] = null;
The second loop prints these values.

QUESTION 77

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?

- ☐ 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

QUESTION 78

View the exhibit:

```
public class Student {  
    public String name = "";  
    public int age = 0;  
    public String major = "Undeclared";  
    public boolean fulltime = true;  
    public void display() {  
        System.out.println("Name: " + name + " Major: " + major);  
    }  
}
```

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```
public boolean isFullTime() {  
    return fulltime;  
}  
}
```

Which line of code initializes a student instance?

- A. Student student1;
- B. Student student1 = Student.new();
- C. Student student1 = new Student();
- D. Student student1 = Student();

Answer: C

QUESTION 79

What should keyword1 and keyword2 be respectively, in order to produce output 2345?

```
int [] array = {1,2,3,4,5};  
for (int i: array) {  
    if ( i < 2) {  
        keyword1 ;  
    }  
    System.out.println(i);  
    if ( i == 3) {  
        keyword2 ;  
    }  
}}
```

- A. continue, break
- B. break, break
- C. break, continue
- D. continue, continue

Answer: D

QUESTION 80

What is the result?


```
int i, j=0;  
i = (3* 2 +4 +5 ) ;  
j = (3 * ((2+4) + 5));  
System.out.println("i:"+ i + "\nj":+j);
```

- A. i: 16
j: 33
- B. i: 15
j: 33
- C. i: 33
j: 23
- D. i: 15
j: 23

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

Answer: B