

Oracle

Exam Questions 1z0-808

Java SE 8 Programmer I



NEW QUESTION 1

Given the following classes:

```
public class Employee {
    public int salary;
}

public class Manager extends Employee {
    public int budget;
}

public class Director extends Manager {
    public int stockOptions;
}
```

And given the following main method:

```
public static void main(String[] args) {
    Employee employee = new Employee();
    Manager manager = new Manager();
    Director director = new Director();
    //line n1
}
```

Which two options fail to compile when placed at line n1 of the main method? (Choose two.)

- A. employee.salary = 50_000;
- B. director.salary = 80_000;
- C. employee.budget = 200_000;
- D. manager.budget = 1_000_000;
- E. manager.stockOption = 500;
- F. director.stockOptions = 1_000;

Answer: CE

NEW QUESTION 2

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 3

Which two class definitions fail to compile? (Choose two.)

A

```
abstract class A3 {
    private static int i;
    public void doStuff() {}
    public A3() {}
}
```

B

```
final class A1 {
    public A1() {}
}
```

C

```
private class A2 {
    private static int i;
    private A2() {}
}
```

D

```
class A4 {
    protected static final int i = 10;
    private A4() {}
}
```

E

```
final abstract class A5 {
    protected static int i;
    void doStuff() {}
    abstract void doIt();
}
```

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

Answer: CD

NEW QUESTION 4

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 mandatory.
- C. Its case label literals can be changed at runtime.
- D. Its expression must evaluate to a single value.

Answer: D

NEW QUESTION 5

Given the code fragment:

```
int n [] [] = {{1, 3}, {2, 4}};
for (int i = n.length-1; i >= 0; i--) {
    for (int y : n[i]) {
        System.out.print (y);
    }
}
```

What is the result?

- A. 1324
- B. 2313
- C. 3142
- D. 4231

Answer: D

NEW QUESTION 6

This grid shows the state of a 2D array:

0	0	
	X	0
X		X

The grid is created with this code:

```
char[][] grid = new char[3][3];
grid[1][1] = 'X';
grid[0][0] = '0';
grid[2][0] = 'X';
grid[0][1] = '0';
grid[2][2] = 'X';
grid[1][2] = '0';
//line n1
```

Which line of code, when inserted in place of //line n1, adds an X into the grid so that the grid contains three consecutive Xs?

- A. grid[2][1] = 'X';
- B. grid[3][2] = 'X';
- C. grid[3][1] = 'X';
- D. grid[2][3] = 'X';

Answer: D

NEW QUESTION 7

Given:

```
interface Readable {
    public void readBook();
    public void setBookMark();
}

abstract class Book implements Readable { // line n1
    public void readBook() { }
    // line n2
}

class EBook extends Book { // line n3
    public void readBook() { }
    // line n4
}
```

And given the code fragment: Book book1 = new EBook(); book1.readBook();
 Which option enables the code to compile?

- A) Replace the code fragment at line n1 with:
 class Book implements Readable {
- B) At line n2 insert:
 public abstract void setBookMark();
- C) Replace the code fragment at line n3 with:
 abstract class EBook extends Book {
- D) At line n4 insert:
 public void setBookMark() { }

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

Answer: D

NEW QUESTION 8

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 9

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 10

Given the code fragment:

```
abstract class Toy {
    int price;
    // line n1
}
```

Which three code fragments are valid at line n1?

- A
- ```
public static void insertToy() {
 /* code goes here */
}
```
- B
- ```
final Toy getToy() {
    return new Toy();
}
```
- C
- ```
public void printToy();
```
- D
- ```
public int calculatePrice() {
    return price;
}
```
- E
- ```
public abstract int computeDiscount();
```

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

Answer: CDE

#### NEW QUESTION 10

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:

```

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 x Console 2 x Console 3 x Console 4 x

```

C1C2
Completed with exit code: 0

```

**NEW QUESTION 12**

Given the code snippet from a compiled Java source file:

```
public class MyFile
{
 public static void main (String[] args)
 {
 String arg1 = args[1];
 String arg2 = args[2];
 String arg3 = args[3];
 System.out.println("Arg is " + arg3);
 }
}
```

Which command-line arguments should you pass to the program to obtain the following output? Arg is 2

- A. java MyFile 1 3 2 2
- B. java MyFile 2 2 2
- C. java MyFile 1 2 2 3 4
- D. java MyFile 0 1 2 3

**Answer:** A

### NEW QUESTION 13

Given this class:

```
public class Rectangle {
 private double length;
 private double height;
 private double area;

 public void setLength(double length) {
 this.length = length;
 }
 public void setHeight(double height) {
 this.height = height;
 }
 public void setArea() {
 area = length*height;
 }
}
```

Which two changes would encapsulate this class and ensure that the area field is always equal to length \* height whenever the Rectangle class is used?

- A. Call the setArea method at the end of the setHeight method.
- B. Call the setArea method at the beginning of the setHeight method.
- C. Call the setArea method at the end of the setLength method.
- D. Call the setArea method at the beginning of the setLength method.
- E. Change the setArea method to private.
- F. Change the area field to public.

**Answer:** AE

### NEW QUESTION 18

Given:

```
class Caller {
 private void init () {
 System.out.println("Initialized");
 }

 private void start () {
 init();
 System.out.println("Started");
 }
}

public class TestCall {
 public static void main(String[] args) {
 Caller c = new Caller();
 c.start();
 c.init();
 }
}
```

What is the result?

- A. An exception is thrown at runtime.
- B. InitializedStartedInitialized
- C. InitializedStarted
- D. Compilation fails.

Answer: D

#### NEW QUESTION 23

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 27

Given the code fragment:

```

String[] strs = {"A", "B"};
int idx = 0;
for (String s : strs) {
 strs[idx].concat(" element " + idx);
 idx++;
}
for (idx = 0; idx < strs.length; idx++) {
 System.out.println(strs[idx]);
}

```

What is the result?

- A. AB
- B. A element 0B element 1
- C. A NullPointerException is thrown at runtime.
- D. A 0B 1

Answer: C

#### NEW QUESTION 30

Which three statements are true about the structure of a Java class? (Choose three.)

- A. A class cannot have the same name as its field.
- B. A public class must have a main method.
- C. A class can have final static methods.
- D. A class can have overloaded private constructors.
- E. Fields need to be initialized before use.
- F. Methods and fields are optional components of a class.

Answer: BDE

#### NEW QUESTION 31

Given:

```
public class App {
 public static void main(String[] args) {
 int i = 10;
 int j = 20;
 int k = (j += i) / 5;
 System.out.print(i + " : " + j + " : " + k);
 }
}
```

What is the result?

- A. 10 : 30 : 6
- B. 10 : 22 : 22
- C. 10 : 22 : 20
- D. 10 : 22 : 6

**Answer:** A

**NEW QUESTION 32**

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