

Time left 0:04:25

Question 1

Not yet answered

Marked out of 1.00

Of the types double, int, and short, how many could fill in the blank to have this code output 0 ?

```
public static void main(String[] args) {  
    _____defaultValue;  
    System.out.println(defaultValue);  
}
```

- ☐ a. One
- ☒ b. None
- ☐ c. Two
- ☐ d. Three

[Clear my choice](#)**Question 2**

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        int count = 5;  
        switch(count){  
            default : System.out.println(-1); break;  
            case 5: System.out.println(1); continue;  
            case 2: System.out.println(2); break;  
        }  
    }  
}
```

- ☐ a. None of these
- ☐ b. prints 1 infinite times
- ☐ c. 1
- ☒ d. Compilation Fails
- ☐ e. -1

[Clear my choice](#)

Question 3

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        int a = 60;  
        int b = 50;  
        System.out.println(a&b);  
    }  
}
```

- ☐ a. 1
- ☒ b. None of these
- ☐ c. 0
- ☐ d. Compilation fails

[Clear my choice](#)**Question 4**

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        int a = 60;  
        int b = 50;  
        System.out.println((a < b) ? (a & b) : (a | b));  
    }  
}
```

- ☐ a. 50
- ☐ b. 48
- ☐ c. compilation fails
- ☒ d. 60
- ☐ e. 62

[Clear my choice](#)

Question 5

Not yet answered

Marked out of 1.00

What is the output of the following?

```
package beach;

public class Sand {

    public Sand() {

        System.out.print("a");

    }

    public void Sand() {

        System.out.print("b");

    }

    public void run() {

        new Sand();

        Sand();

    }

    public static void main(String... args) {

        new Sand().run();

    }

}
```

- ☐ a. ab
- ☒ b. Compilation Fails
- ☐ c. aab
- ☐ d. a

[Clear my choice](#)

Question 6

Not yet answered

Marked out of 1.00

How many of the String objects are eligible for garbage collection right before the end of the main method?

```
public static void main(String[] fruits) {  
    String fruit1 = new String("apple");  
    String fruit2 = new String("orange");  
    String fruit3 = new String("pear");  
    fruit3 = fruit1;  
    fruit2 = fruit3;  
    fruit1 = fruit2;  
}
```

- ☐ a. None
- ☐ b. Three
- ☐ c. One
- ☒ d. Two

[Clear my choice](#)**Question 7**

Not yet answered

Marked out of 1.00

Which is the first line to trigger a compiler error?

```
double d1 = 5f; // p1  
double d2 = 5.0; // p2  
float f1 = 5f; // p3  
float f2 = 5.0; // p4
```

- ☐ a. p2
- ☐ b. p1
- ☐ c. p3
- ☒ d. p4

[Clear my choice](#)

Question 8

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test { //line-1
public static void main(String[] args) { //line-2
    int x = 5; //line-3
    System.out.println(x > 2 ? x < 4 ? 10 : 8 : 7); //line-4
} //line-5
} //line-6
```

- ☐ a. 10
- ☐ b. 7
- ☐ c. 4
- ☐ d. 5
- ☐ e. The code will not compile because of line 4
- ☒ f. 8

[Clear my choice](#)**Question 9**

Not yet answered

Marked out of 1.00

```
class Test {
    int x;
    public static void main(String[] args) {
        Test t=new Test();
        t.x=10;
        do{
            System.out.println(t.x);
        }while(1);
    }
}
```

What is the output of the following code?

- ☐ a. 10
- ☐ b. Infinite Loop
- ☒ c. Compilation Fails
- ☐ d. 0
- ☐ e. None of these

[Clear my choice](#)

Question 10

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        boolean keepGoing = true;  
        int result = 15, i = 10;  
        do {  
            i--;  
            if(i==8)  
                keepGoing = false;  
            result -= 2;  
        } while(keepGoing);  
        System.out.println(result);  
    }  
}
```

- ☐ a. 15
- ☐ b. Compilation Fails
- ☐ c. 9
- ☐ d. Infinite Loop
- ☐ e. 13
- ☒ f. 11

[Clear my choice](#)

Question 11

Not yet answered

Marked out of 1.00

Given two files

```
1. package pkgA;
2. public class Foo {
3.     int a = 5;
4.     protected int b = 6;
5.     public int c = 7;
6. }
```

```
3. package pkgB;
4. import pkgA.*;
5. public class Baz {
6.     public static void main(String[] args){
7.         Foo f = new Foo();
8.         System.out.print(" " + f.a);
9.         System.out.print(" " + f.b);
10.        System.out.print(" " + f.c);
11.    }
12. }
```

What is the result? (Choose all that apply.)

- ☐ a. Compilation fails with an error on line 10
- ☒ b. Compilation fails with an error on line 8
- ☐ c. 5 followed by an exception
- ☒ d. Compilation fails with an error on line 9
- ☐ e. 5 6 7
- ☒ f. Compilation fails with an error on line 7

Question 12

Not yet answered

Marked out of 1.00

```
class Test {  
    public static void main(String[] args)    {  
        int x=1;  
        for (int y=3,x=2;x<3 ;x++ ) {  
            System.out.println(x);  
        }  
    }  
}
```

What is the output of the following code?

- ☐ a. Compilation Fails
- ☐ b. 3
- ☒ c. 2
- ☐ d. 1
- ☐ e. None of these

[Clear my choice](#)**Question 13**

Not yet answered

Marked out of 1.00

What is the output of the following?

```
Integer integer = new Integer(4);  
System.out.print(integer.byteValue());  
System.out.print("-");  
int i = new Integer(4);  
System.out.print(i.byteValue());
```

- ☒ a. The code does not compile.
- ☐ b. 4-4
- ☐ c. 4-0
- ☐ d. The code compiles but throws an exception at runtime.

[Clear my choice](#)

Question 14

Not yet answered

Marked out of 1.00

How many of the following methods compile?

```
public String convert(int value) {  
    return value.toString();  
}  
  
public String convert(Integer value) {  
    return value.toString();  
}  
  
public String convert(Object value) {  
    return value.toString();  
}
```

- ☐ a. Two
- ☐ b. One
- ☐ c. None
- ☒ d. Three

[Clear my choice](#)

Question 15

Not yet answered

Marked out of 1.00

What is the output of the following code snippet?

```
class Test{
    public static void main(String[] args)    {
        int x = 4;
        long y = x * 4 - x++;
        if(y<10) System.out.println("Too Low"); //Line -5
        else System.out.println("Just right"); //line-6
        else System.out.println("Too High"); //line-7
    }
}
```

- ☐ a. Just Right
- ☒ b. The code will not compile because of line 7.
- ☐ c. Too Low
- ☐ d. Too High
- ☐ e. Compiles but throws a NullPointerException.
- ☐ f. The code will not compile because of line 6.

[Clear my choice](#)**Question 16**

Not yet answered

Marked out of 1.00

Which of the following does not compile?

- ☐ a. int num = 999;
- ☐ b. int num = 9_9_9;
- ☐ c. int num = _9_99;
- ☒ d. None of these; these all compile.

[Clear my choice](#)

Question 17

Not yet answered

Marked out of 1.00

What does the following output?

```
1: public class InitOrder {  
2: public String first = "instance";  
3: public InitOrder() {  
4: first = "constructor";  
5: }  
6: { first = "block"; }  
7: public void print() {  
8: System.out.println(first);  
9: }  
10: public static void main(String... args) {  
11: new InitOrder().print();  
12: }  
13: }
```

- ☒ a. Block
- ☐ b. The code does not compile.
- ☐ c. Constructor
- ☐ d. instance

[Clear my choice](#)

Question 18

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        int count = 0;  
        ROW_LOOP: for(int row = 1; row <=3; row++)  
            for(int col = 1; col <=2 ; col++) {  
                if(row * col % 2 == 0) continue ROW_LOOP;    //Line-6  
                count++;  
            }  
        System.out.println(count);  
    }  
}
```

- ☐ a. The code will not compile because of line 6.
- ☐ b. 6
- ☐ c. 4
- ☒ d. 1
- ☐ e. 2
- ☐ f. 3

[Clear my choice](#)

Question 19

Not yet answered

Marked out of 1.00

What is the output of the following code?

```
class Test {  
    public static void main(String[] args) {  
        int count = 1;  
        fs: if(count==1){  
            continue fs;  
            System.out.println(1);  
        }  
        else if(count==2)  
            System.out.println(2);  
        else  
            break;  
    }  
}
```

- ☐ a. 1
- ☒ b. Prints Nothing
- ☐ c. None of these
- ☐ d. Prints 1 infinite times

[Clear my choice](#)**Question 20**

Not yet answered

Marked out of 1.00

Given that a Date class exists in both the java.util and java.sql packages, what is the result of compiling the following class?

```
1: import java.util.*;  
2: import java.sql.*;  
3: public class BirthdayManager {  
4:     private Date rob = new Date();  
5:     private java.util.Date sharon = new java.util.Date();  
6: }
```

- ☐ a. The code does not compile because of line 5.
- ☐ b. The code compiles without issue.
- ☒ c. The code does not compile because of lines 1 and 2.
- ☐ d. The code does not compile because of line 4.

[Clear my choice](#)

