Started on	Wednesday, 18 February 2026, 4:14 PM
State	Finished
Completed on	Wednesday, 18 February 2026, 4:30 PM
Time taken	15 mins 56 secs
Marks	6.00/15.00
Grade	**40.00** out of 100.00

Question 1

Complete

Mark 0.00 out of 1.00

What is the output of the following code snippet?

```
boolean x = false, y = true;
int z = 7;
x = (z > 7) ^ (y = false);
System.out.println(x + ", " + z + ", " + y);
```

Select one:

- ⦿ a.   true, 7, false
- ○ b.   false, 7, false
- ○ c.   true, 7, true
- ○ d.   Runtime exception
- ○ e.   false, 7, true
- ○ f.   Compilation error

Question 2

Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
int x = 1;
if(x > 0)
  if(x > 1)
    System.out.println("A");
  else
    System.out.println("B");
```

Select one:

- ○ a.   Compilation error
- ○ b.   Runtime exception
- ○ c.   Infinite loop
- ○ d.   No output
- ⦿ e.   B
- ○ f.   A

Question 3

Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        int x = Integer.MAX_VALUE;
        x = x + 1;
        System.out.println(x);
    }
}
```

Select one:

- ⊙ a. -2147483648
- ○ b. Compilation error
- ○ c. 2147483648
- ○ d. Runtime exception

Question 4

Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        byte b = 10;
        b += 100;
        System.out.println(b);
    }
}
```

Select one:

- ○ a. Runtime exception
- ○ b. Compilation error
- ⊙ c. 110
- ○ d. -146

Question 5

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
short s1 = 5;
short s2 = 10;
short s3 = s1 + s2;
System.out.println(s3);
```

Select one:

- ○ a.   Undefined value
- ○ b.   Compilation error
- ○ c.   Runtime exception
- ◉ d.   15
- ○ e.   10
- ○ f.   5

Question 6

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
final char a = 'A', d = 'D';
char grade = 'E';
switch(grade) {
    case a:
    case 'B': System.out.print("great");
    case 'C': System.out.print("good"); break;
    case d:
    case 'F': System.out.print("not good");
}
```

Select one:

- ○ a.   good
- ○ b.   The code will not compile because of line 6
- ○ c.   Nothing is printed
- ◉ d.   not good
- ○ e.   great

Question 7

Complete

Mark 1.00 out of 1.00

What is the output of the following code snippet?

```
boolean keepGoing = true;
int result = 25, i = 7;
do {
    i--;
    if(i==4) keepGoing = false;
    result -= 2;
} while(keepGoing);
System.out.println(result);
```

Select one:

- a. 17
- b. 21
- c. 25
- d. The code will not compile
- ⦿ e. 19
- f. 23

Question 8

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        boolean b = true;
        System.out.println(b + false);
    }
}
```

Select one:

- a. false
- ⦿ b. true
- c. Runtime exception
- d. Compilation error

Question 9

Complete

Mark 0.00 out of 1.00

What is the output of the following code snippet?

```
int count = 0;
LOOP: for(int r = 1; r <=3; r++)
    for(int c = 1; c <=3; c++) {
        if(r*c % 2 != 0) continue LOOP;
        count++;
    }
System.out.println(count);
```

Select one:

○ a.   1

○ b.   3

◉ c.   2

○ d.   5

○ e.   4

○ f.   The code will not compile because of line 6

Question 10

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        char c = 65535;
        c++;
        System.out.println((int)c);
    }
}
```

Select one:

○ a.   Compilation error

◉ b.   65536

○ c.   0

○ d.   Runtime exception

Question 11

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        int x = 2, y = 3;
        if (++x > 2 & y++ > 3 || x++ > 3) {
            System.out.println(x + " " + y);
        }
    }
}
```

Select one:

- ○ a. 3 4
- ○ b. No Output
- ○ c. Compilation error
- ○ d. 4 3

Question 12

Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String args[]) {
        final int x = 10;
        int y = 20;
        switch(y) {
            case x + 10:
                System.out.println("Match");
                break;
            default:
                System.out.println("No Match");
        }
    }
}
```

Select one:

- ○ a. Runtime error
- ◉ b. Match
- ○ c. No Match
- ○ d. Compile-time error

Question 13

Complete

Mark 0.00 out of 1.00

What is the output of the following code snippet?

```
int m = 7, n = 1, x = 0;
while(m > n) {
    m--;
    n += 1;
    x += m + n;
}
System.out.println(x);
```

Select one:

○ a.   24

○ b.   The code will not compile because of line 7

◉ c.   11

○ d.   15

○ e.   18

○ f.   21

Question 14

Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
final char x = 'A', y = 'C';
char grade = 'B';
switch(grade) {
    case x:
    case 'B': System.out.print("high");
    case 'C': System.out.print("medium"); break;
    case y:
    case 'D': System.out.print("low");
}
```

Select one:

◉ a.   highmedium

○ b.   high

○ c.   medium

○ d.   low

○ e.   The code will not compile because of line 6

Question 15

Complete

Mark 0.00 out of 1.00

What is the output of the following code?

```
class Test {
    public static void main(String[] args) {
        int a = 5, b = 10;
        if (a++ > 5 | ++b > 10) {
            System.out.println(a + " " + b);
        }
    }
}
```

Select one:

- a. 6 10
- b. 5 11
- c. 6 11
- d. Compilation error