

Test Summary

- No. of Sections: 1
- No. of Questions: 15
- Total Duration: 30 min

Section 1 - MCQ

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Additional Instructions:

None

Q1. In while and do-while loops, a statement causes control to be transferred directly to the conditional expression that controls the loop.

break

pause

start

continue

Q2. Choose the options that can replace the text "abc" in the below code to print the contents of array.

```
1 public class Whizlabs
2 {
3     public static void main(String[] args)
4     {
5         int[] testData = {1,2,3};
6         for(abc)
7         {
8             // Some Print logic to print the array element for each iteration
9         }
10    }
11 }
12 |
```

int i : testData

int i=0 ;i<3 ;i++

i++

; i++ ; 1<1

; i<1 ; 0

Q3. Which of the following can loop through an array without referring to the elements by index?

do-while loop

for (traditional)

for-each

while

Q4. What is the result of the following code?

```
1  do
2  {
3      int count = 0;
4      do {
5          count++;
6      }
7      while (count < 2);
8      System.out.println(count);
9      break;
10 } while (true);
11 |
```

2

3

The code does not compile.

This is an infinite loop.

Q5. How many of the loop types (while, do while, traditional for, and enhanced for) allow you to write code that creates an infinite loop?

One

Two

Three

Four

Q6. How many of these statements can be inserted after the `println` to have the code flow follow the arrow in this diagram?
`break;`
`break label1;`
`break label2;`

None

One

Two

Three

Q7. Which of the following iterates a different number of times than the others?

for (int k=0; k < 7; k++) {}

for (int k=1; k <= 7; k++) {}

int k=0; do { } while(k++ < 7)

int k=0; while (k++ < 7) {}

Q8. What will be the output of this program?

```
1 public class Whiz
2 {
3     public static void main(String [] args)
4     {
5         for ( int j = 0, k = 5; j < k; k--);
6         for ( int j = 0; j++ < 3;);
7         for ( int i = 0; i < 5; i++, System.out.print(i + ".Hi "));
8     }
9 }
```

1.Hi 2.Hi 3.Hi 4.Hi 5.Hi

0.Hi 1.Hi 2.Hi 3.Hi 4.Hi 5.Hi

An exception is thrown at runtime.

Compilation fails due to an error at line 6.

Compilation fails due to multiple errors

Q9. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
4
5         for(int i = 0 ; i < 10; i++){
6             }
7         System.out.println(i);
8
9     }
10
11 }
```

9

10

11

Compilation error

Q10. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
4
5         int i = 0;
6         for(; i < 10; i++){
```

```
7         break;
8     }
9     System.out.println(i);
10 }
11
12 }|
```

0

1

9

Compilation error

Q11. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
4         int i = 0;
5         for(i = 100; i <= 0; i -= 10 ){
6             System.out.print(i + ", ");
7         }
8     }
9 }|
```

100, 90, 80, 70, 60, 50, 40, 20, 10, 0,

100, 90, 80, 70, 60, 50, 40, 20, 10,

90, 80, 70, 60, 50, 40, 20, 10, 0,

None of the above

Q12. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
4         for(char c = 'a' ; c < 'd'; c++){
5             System.out.print(c);
6         }
7     }
8 }|
```

Code will not compile

Code will print abc

Code will print 012

None of the above

Q13. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
```

```
4     for(int i = 65; i < 68 ; i++){
5         System.out.print((char)i);
6     }
7 }
8 }|
```

- Code will not compile
- 656667
- 65666768
- None of the above

Q14. what will be the output of the following program?

```
1 public class Test {
2     public static void main(String[] args) {
3
4         for (int i = 0; i < 10; i++)
5             int x = 10;
6     }
7 }
8 |
```

- No Output
- 10
- Compile time error
- 10 (10 times)

Q15. What will happen when you compile and run the following code?

```
1 public class Test{
2
3     public static void main(String[] args){
4         for(int i = 0; i < 3; i++){
5             for(int j = 0; j < i; j++){
6                 System.out.print(i + " " + j + " ");
7             }
8         }
9     }
10 }|
```

- 0 0, 0 1, 0 2, 1 0, 1 1, 1 2, 2 0, 2 1, 2 2,
- 0 0, 0 1, 0 2, 0 3, 1 0, 1 1, 1 2, 1 3, 2 0, 2 1, 2 2, 2 3,
- 1 0, 2 0. 2 1
- None of the above

Answer Key & Solution

Section 1 - MCQ

Q1	<div>continue</div> <div>Solution</div> <div>No Solution</div>
Q2	<div>int i : testData</div> <div>int i=0 ;i<3 ;i++</div> <div>Solution</div> <div>No Solution</div>
Q3	<div>for-each</div> <div>Solution</div> <div>No Solution</div>
Q4	<div>2</div> <div>Solution</div> <div>No Solution</div>
Q5	<div>Three</div> <div>Solution</div> <div>No Solution</div>
Q6	<div>Two</div> <div>Solution</div> <div>No Solution</div>
Q7	<div>int k=0; do { } while(k++ < 7)</div> <div>Solution</div> <div>No Solution</div>
Q8	<div>1.Hi 2.Hi 3.Hi 4.Hi 5.Hi</div>

Q9	Solution
	No Solution
	10

Q10	Solution
	No Solution
	0

Q11	Solution
	No Solution
	None of the above

Q12	Solution
	No Solution
	Code will print abc

Q13	Solution
	No Solution
	None of the above

Q14	Solution
	No Solution
	Compile time error

Q15	Solution
	No Solution
	1 0, 2 0. 2 1

	Solution
	No Solution