

## Student Result

**Student Name:** Samrudhi Sagar Sawane

**Exam:** JAVA\_Placement

**Score:** 19.0/50.0

**Percentage:** 38.00%

### Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	Find the output of the given while loop.	<i>Not Answered</i>	<b>6</b>
2	How many times does the print statement execute in this nested loop?	<i>Not Answered</i>	<b>3</b>
3	Calculate the final output of the code snippet.	<i>Not Answered</i>	<b>15</b>
4	What will be the output after values are swapped?	<i>Not Answered</i>	<b>20 10</b>

5	Predict the output for this Fibonacci-like loop.	<i>Not Answered</i>	<b>8</b>
6	Find the count of numbers divisible by 3 or 5 between 1 to 10.	<i>Not Answered</i>	<b>5</b>
7	What is the final sum of the squares loop?	<i>Not Answered</i>	<b>55</b>
8	Determine the output of this nested if-else block.	<i>Not Answered</i>	<b>B</b>
9	What is the output when the loop encounters a break statement?	<i>Not Answered</i>	<b>2000 1 2</b>

10	Find the total iterations of the nested loop (x value).	<i>Not Answered</i>	<b>10</b>
11	Time complexity of a single loop?	<i>Not Answered</i>	<b>O(n)</b>
12	Nested loop complexity?	<i>Not Answered</i>	<b>O(n<sup>2</sup>)</b>
13	Binary search complexity?	<i>Not Answered</i>	<b>O(log n)</b>
14	Best case HashMap get() complexity?	<i>Not Answered</i>	<b>O(1)</b>
15	Which of the following is the fastest complexity?	<i>Not Answered</i>	<b>O(log n)</b>
16	Root class of all exceptions in Java?	<b>Throwable</b>	<b>Throwable</b>

17	Which of these is an Unchecked exception?	<b>ClassNotFoundException</b> <b>NullPointerException</b>	
18	What is the purpose of the finally block?	<b>Cleanup</b>	<b>Cleanup</b>
19	Is a try block without a catch possible?	<b>Yes with finally</b>	<b>Yes with finally</b>
20	Keyword used to explicitly throw an exception?	<b>throw</b>	<b>throw</b>
21	Which collection allows duplicate elements?	<b>List</b>	<b>List</b>
22	Which Set maintains insertion order?	<b>LinkedHashSet</b>	<b>LinkedHashSet</b>

23	How many null keys are allowed in a HashMap?	1	1
24	Which of these is a synchronized collection?	HashSet	Vector
25	Root interface of the Collection Framework?	Collection	Collection
26	Method overriding is an example of?	Polymorphism	Polymorphism
27	Keyword used to prevent inheritance?	final	final
28	Data hiding is primarily achieved by?	Abstraction	Encapsulation
29	Can an abstract class have a constructor?	Yes	Yes

30	Multiple inheritance in Java is achieved using?	Interfaces	Interfaces
31	Stream API was introduced in which Java version?	Java 8	Java 8
32	Which of these is a Terminal operation in Streams?	collect	collect
33	Stream operations are generally?	Lazy	Lazy
34	Method used to transform/map elements in a Stream?	map	map
35	What does the <code>findFirst()</code> method return?	List	Optional

36	In which package is the Comparable interface found?	java.lang	java.lang
37	Comparator is primarily used for?	Custom sort	Custom sort
38	Which method is defined in the Comparable interface?	compareTo	compareTo
39	What provides platform independence in Java?	JVM	Bytecode
40	Which code calculates the total salary of active employees?	<i>Not Answered</i>	Option B
41	What is the main purpose of hashing?	<i>Not Answered</i>	Fast lookup

42	Which method is used for hashing in Java?	<i>Not Answered</i>	<b>hashCode</b>
43	What will be the size of the HashSet in the given code?	<i>Not Answered</i>	<b>1</b>
44	Time complexity of the given nested loop ( $j = j * 2$ )?	<i>Not Answered</i>	<b><math>O(n \log n)</math></b>
45	What is the time complexity?	<i>Not Answered</i>	<b><math>O(n^2)</math></b>
46	What is the time complexity?	<i>Not Answered</i>	<b><math>O(n^2 \log n)</math></b>
47	What is the time complexity?	<i>Not Answered</i>	<b><math>O(n \log n)</math></b>
48	What is the time complexity?	<i>Not Answered</i>	<b><math>O(n^2)</math></b>

49	<pre>Thread t = new Thread() -&gt; System.out.println("Run"); t.run();</pre>	<i>Not Answered</i>	<b>Runs in main thread</b>
50	<p>What is the result of class C implementing interfaces A and B?</p>	<i>Not Answered</i>	<b>Compilation error</b>