

## Student Result

**Student Name:** Anjali Pawar

**Exam:** JAVA\_Placement

**Score:** 11.0/50.0

**Percentage:** 22.00%

### Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	Find the output of the given while loop.	8	6
2	How many times does the print statement execute in this nested loop?	2	3
3	Calculate the final output of the code snippet.	15	15
4	What will be the output after values are swapped?	20 10	20 10

5	<p>Predict the output for this Fibonacci-like loop.</p>	5	8
6	<p>Find the count of numbers divisible by 3 or 5 between 1 to 10.</p>	3	5
7	<p>What is the final sum of the squares loop?</p>	55	55
8	<p>Determine the output of this nested if-else block.</p>	B	B
9	<p>What is the output when the loop encounters a break statement?</p>	0 1 2 3	2000 1 2

10	Find the total iterations of the nested loop (x value).	10	10
11	Time complexity of a single loop?	O(n)	O(n)
12	Nested loop complexity?	O(n <sup>2</sup> )	O(n <sup>2</sup> )
13	Binary search complexity?	O(log n)	O(log n)
14	Best case HashMap get() complexity?	O(1)	O(1)
15	Which of the following is the fastest complexity?	O(log n)	O(log n)
16	Root class of all exceptions in Java?	Throwable	Throwable

17	Which of these is an Unchecked exception?	<i>Not Answered</i>	<b>NullPointerException</b>
18	What is the purpose of the finally block?	<i>Not Answered</i>	<b>Cleanup</b>
19	Is a try block without a catch possible?	<i>Not Answered</i>	<b>Yes with finally</b>
20	Keyword used to explicitly throw an exception?	<i>Not Answered</i>	<b>throw</b>
21	Which collection allows duplicate elements?	<i>Not Answered</i>	<b>List</b>
22	Which Set maintains insertion order?	<i>Not Answered</i>	<b>LinkedHashSet</b>

23	How many null keys are allowed in a HashMap?	<i>Not Answered</i>	1
24	Which of these is a synchronized collection?	<i>Not Answered</i>	Vector
25	Root interface of the Collection Framework?	<i>Not Answered</i>	Collection
26	Method overriding is an example of?	<i>Not Answered</i>	Polymorphism
27	Keyword used to prevent inheritance?	<i>Not Answered</i>	final
28	Data hiding is primarily achieved by?	<i>Not Answered</i>	Encapsulation
29	Can an abstract class have a constructor?	<i>Not Answered</i>	Yes

30	Multiple inheritance in Java is achieved using?	<i>Not Answered</i>	<b>Interfaces</b>
31	Stream API was introduced in which Java version?	<i>Not Answered</i>	<b>Java 8</b>
32	Which of these is a Terminal operation in Streams?	<i>Not Answered</i>	<b>collect</b>
33	Stream operations are generally?	<i>Not Answered</i>	<b>Lazy</b>
34	Method used to transform/map elements in a Stream?	<i>Not Answered</i>	<b>map</b>
35	What does the <code>findFirst()</code> method return?	<i>Not Answered</i>	<b>Optional</b>

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

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>