

## Student Result

**Student Name:** payal rathod

**Exam:** JAVA\_Placement

**Score:** 5.0/50.0

**Percentage:** 10.00%

### Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	Find the output of the given while loop.	6	6
2	How many times does the print statement execute in this nested loop?	3	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	Predict the output for this Fibonacci-like loop.	<b>8</b>	<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?	<i>Not Answered</i>	<b>Throwable</b>

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>