

Student Result

Student Name: Priti Shinde

Exam: JAVA_Placement

Score: 12.0/50.0

Percentage: 24.00%

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

10	Find the total iterations of the nested loop (x value).	6	10
11	Time complexity of a single loop?	$O(n)$	$O(n)$
12	Nested loop complexity?	$O(n^2)$	$O(n^2)$
13	Binary search complexity?	$O(\log n)$	$O(\log n)$
14	Best case HashMap get() complexity?	$O(n)$	$O(1)$
15	Which of the following is the fastest complexity?	$O(n^2)$	$O(\log n)$
16	Root class of all exceptions in Java?	Throwable	Throwable

17	Which of these is an Unchecked exception?	IOException	NullPointerException
18	What is the purpose of the finally block?	Cleanup	Cleanup
19	Is a try block without a catch possible?	Never	Yes with finally
20	Keyword used to explicitly throw an exception?	throws	throw
21	Which collection allows duplicate elements?	List	List
22	Which Set maintains insertion order?	HashSet	LinkedHashSet

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

36	In which package is the Comparable interface found?	<i>Not Answered</i>	java.lang
37	Comparator is primarily used for?	<i>Not Answered</i>	Custom sort
38	Which method is defined in the Comparable interface?	<i>Not Answered</i>	compareTo
39	What provides platform independence in Java?	<i>Not Answered</i>	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?	Not Answered	hashCode
43	What will be the size of the HashSet in the given code?	Not Answered	1
44	Time complexity of the given nested loop (j = j * 2)?	Not Answered	$O(n \log n)$
45	What is the time complexity?	Not Answered	$O(n^2)$
46	What is the time complexity?	Not Answered	$O(n^2 \log n)$
47	What is the time complexity?	Not Answered	$O(n \log n)$
48	What is the time complexity?	Not Answered	$O(n^2)$

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