

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	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.	3	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).	10	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?	$O(1)$	$O(1)$
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>	NullPointerException
18	What is the purpose of the finally block?	<i>Not Answered</i>	Cleanup
19	Is a try block without a catch possible?	<i>Not Answered</i>	Yes with finally
20	Keyword used to explicitly throw an exception?	<i>Not Answered</i>	throw
21	Which collection allows duplicate elements?	<i>Not Answered</i>	List
22	Which Set maintains insertion order?	<i>Not Answered</i>	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?	<i>Not Answered</i>	hashCode
43	What will be the size of the HashSet in the given code?	<i>Not Answered</i>	1
44	Time complexity of the given nested loop (j = j * 2)?	<i>Not Answered</i>	$O(n \log n)$
45	What is the time complexity?	<i>Not Answered</i>	$O(n^2)$
46	What is the time complexity?	<i>Not Answered</i>	$O(n^2 \log n)$
47	What is the time complexity?	<i>Not Answered</i>	$O(n \log n)$
48	What is the time complexity?	<i>Not Answered</i>	$O(n^2)$

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