Student Result

Student Name: Kulashree Pramod Patil

Exam: JAVA_Placement

Score: 14.0/50.0

Percentage: 28.00%

Question-wise Summary

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

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

10	Find the total iterations of the nested loop (x value).	*Not Answered*	**10**
11	Time complexity of a single loop?	*Not Answered*	**O(n)**
12	Nested loop complexity?	*Not Answered*	**O(n²)**
13	Binary search complexity?	*Not Answered*	**O(log n)**
14	Best case HashMap get() complexity?	*Not Answered*	**O(1)**
15	Which of the following is the fastest complexity?	*Not Answered*	**O(log n)**
16	Root class of all exceptions in Java?	*Not Answered*	**Throwable**

17	Which of these is an Unchecked exception?	*Not Answered*	**NullPointerException**
18	What is the purpose of the finally block?	*Not Answered*	**Cleanup**
19	Is a try block without a catch possible?	**No**	**Yes with finally**
20	Keyword used to explicitly throw an exception?	**throw**	**throw**
21	Which collection allows duplicate elements?	**List**	**List**
22	Which Set maintains insertion order?	**LinkedHashSet**	**LinkedHashSet**

23	How many null keys are allowed in a HashMap?	2	1
24	Which of these is a synchronized collection?	Vector	Vector
25	Root interface of the Collection Framework?	Iterable	Collection
26	Method overriding is an example of?	Encapsulation	Polymorphism
27	Keyword used to prevent inheritance?	private	final
28	Data hiding is primarily achieved by?	Abstraction	Encapsulation
29	Can an abstract class have a constructor?	No	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?	**filter**	**collect**
33	Stream operations are generally?	**Static**	**Lazy**
34	Method used to transform/map elements in a Stream?	**reduce**	**map**
35	What does the findFirst() method return?	**Object**	**Optional**

36	In which package is the Comparable interface found?	**java.lang**	**java.lang**
37	Comparator is primarily used for?	**Hashing**	**Custom sort**
38	Which method is defined in the Comparable interface?	**compareTo**	**compareTo**
39	What provides platform independence in Java?	**Bytecode**	**Bytecode**
40	Which code calculates the total salary of active employees?	**Option A**	**Option B**
41	What is the main purpose of hashing?	**Fast lookup**	**Fast lookup**

42	Which method is used for hashing in Java?	**hashCode**	**hashCode**
43	What will be the size of the HashSet in the given code?	**3**	**1**
44	Time complexity of the given nested loop (j = j * 2)?	**O(n log n)**	**O(n log n)**
45	What is the time complexity?	**O(n)**	**O(n²)**
46	What is the time complexity?	**O(n²)**	**O(n² log n)**
47	What is the time complexity?	**O(n log n)**	**O(n log n)**
48	What is the time complexity?	**O(n)**	**O(n²)**

49	Thread t = new Thread(() -> System.out.println("Run")); t.run();	**Runs in main thread**	**Runs in main thread**
50	What is the result of class C implementing interfaces A and B?	**B**	**Compilation error**