

## Generics and Collections

The screenshot shows a test interface for 'Generics and Collections'. On the left is a sidebar with a tree view of test categories: Tough Test, Very Tough Test, Objective-wise Tests, 01 - Java Class Design, 02 - Advanced Class Design, 03 - Generics and Collections (selected), 04 - Lambda Expressions and Functions, 05 - Java Stream API, 06 - Exceptions and Assertions, 07 - Date/Time API, 08 - I/O Fundamentals, 08 - NIO 2, 09 - JDBC, and 10 - Threads. The main area displays 'Test Overview' for a test taken on 01 dic, '23 03:01 PM'. It shows 9 correct answers, 12 total questions, a time taken of 00:05:31, and a start time of 01 dic 23 15:01. The status is 'Passed 75%'. Below this is a table with columns: S..., Marked, Atte..., Result, Exam Objective, Difficulty Le..., and Problem Statement. The table lists 11 questions. Questions 1-4 are marked correct. Questions 5 and 6 are marked incorrect. Questions 7-11 are marked correct. The problem statements include code snippets and questions about generics and collections.

S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement
1		✓	✓	03 - Generics and Colle...	Very Tough	mymap.put("c", "cat");
2		✓	✓	03 - Generics and Colle...	Tough	Which of the following statements are
3			✗	03 - Generics and Colle...	Very Tough	
4			✗	03 - Generics and Colle...	Very Tough	
5		✓	✗	03 - Generics and Colle...	Real Brainer	ArrayList<Person> al = new
6		✓	✓	03 - Generics and Colle...	Tough	Map<String> m = new HashMap<>(); m.put("cat", "cat");
7		✓	✓	03 - Generics and Colle...	Very Easy	Which of the following is correct regard
8		✓	✓	03 - Generics and Colle...	Easy	
9		✓	✓	03 - Generics and Colle...	Very Tough	for(int i = 324; i<=328; i++)
10		✓	✓	03 - Generics and Colle...	Easy	
11		✓	✓	03 - Generics and Colle...	Very Tough	You are designing a class that will call

## Lambda Expressions

The screenshot shows a test interface for 'Lambda Expressions'. On the left is a sidebar with a tree view of test categories: Easy Test, Tough Test, Very Tough Test, Objective-wise Tests, 01 - Java Class Design, 02 - Advanced Class Design, 03 - Generics and Collections, 04 - Lambda Expressions and Functions (selected), 05 - Java Stream API, 06 - Exceptions and Assertions, 07 - Date/Time API, 08 - I/O Fundamentals, 08 - NIO 2, 09 - JDBC, and 10 - Threads. The main area displays 'Test Overview' for a test taken on 01 dic, '23 03:18 PM'. It shows 6 correct answers, 9 total questions, a time taken of 00:08:27, and a start time of 01 dic 23 15:19. The status is 'Passed 67%'. Below this is a table with columns: S..., Marked, Atte..., Result, Exam Objective, Difficulty Le..., and Problem Statement. The table lists 9 questions. Questions 1-4 are marked correct. Questions 5 and 6 are marked incorrect. Questions 7-9 are marked correct. The problem statements include code snippets and questions about lambda expressions.

S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement
1		✓	✓	04 - Lambda Expressio...	Tough	interface AAA extends AA{ private String title;
2		✓	✗	04 - Lambda Expressio...	Very Easy	//constructors and accessors not i
3		✓	✓	04 - Lambda Expressio...	Tough	hm.put(1, "a"); hm.put(2, "b"); hm
4		✓	✗	04 - Lambda Expressio...	Very Easy	System.out.println("Checking")
5		✓	✗	04 - Lambda Expressio...	Easy	List<Book> books = Arrays.asList(
6		✓	✓	04 - Lambda Expressio...	Very Easy	function<String, Integer> f = x->
7		✓	✓	04 - Lambda Expressio...	Very Easy	str.stream().filter(x->{
8		✓	✓	04 - Lambda Expressio...	Tough	//accessors not shown
9		✓	✓	04 - Lambda Expressio...	Easy	class Implementi

## Manejo de recursos y Autocierre

The screenshot shows a test interface for 'Manejo de recursos y Autocierre'. On the left is a sidebar with a tree view of test categories: 04 - Lambda Expressions and Functions, 05 - Java Stream API, 06 - Exceptions and Assertions (selected), 07 - Date/Time API, 08 - I/O Fundamentals, 08 - NIO 2, 09 - JDBC, and 10 - Threads. The main area displays 'Test Overview' for a test taken on 01 dic, '23 07:45 PM'. It shows 4 correct answers, 14 total questions, a time taken of 00:13:12, and a start time of 01 dic 23 16:45. The status is 'Failed 29%'. Below this is a table with columns: S..., Marked, Atte..., Result, Exam Objective, Difficulty Le..., and Problem Statement. The table lists 6 questions. Questions 1-3 are marked correct. Questions 4 and 5 are marked incorrect. Question 6 is marked correct. The problem statements include code snippets and questions about resource management and auto-closing.

S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement
1		✓	✓	06 - Exceptions and As...	Tough	You want to run Main class from the
2		✓	✓	06 - Exceptions and As...	Real Brainer	read s and had s. You want to enable
3		✓	✗	06 - Exceptions and As...	Tough	boolean enabled = false;
4		✓	✓	06 - Exceptions and As...	Easy	public void close() {
5		✓	✗	06 - Exceptions and As...	Very Easy	Which of the following statements are
6		✓	✓	06 - Exceptions and As...	Tough	int i = Integer.parseInt(s)

# Java Streams

Easy Test

Tough Test

Very Tough Test

Objective-wise Tests

01 - Java Class Design

02 - Advanced Class Design

03 - Generics and Collections

04 - Lambda Expressions and Functions

05 - Java Stream API

06 - Exceptions and Assertions

07 - Date/Time API

08 - I/O Fundamentals

09 - JDBC

10 - Threads

11 - Concurrency

12 - Localization

Test on out of syllabus topics

Standard Tests

Test Overview

Name

Taken on - 01 dic, '23 03:58 PM

Status

Passed 83%

Correct Answers

10

Total Questions

12

Time Taken

00:10:07

Total Time

00:21:12

Start Time

01 dic '23 15:58

Finish/Pause Time

01 dic '23 16:08

Test Details

Performance Report

S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement
1		✓	✓	05 - Java Stream API	Very Easy	1000 names, 1000 busy ; ; Predicate<String> p = s -> s.startsWith("grade"); return names". "+grade; public String toString(){ //accessors not shown }
2		✓	✗	05 - Java Stream API	Easy	
3		✓	✓	05 - Java Stream API	Very Tough	
4		✓	✓	05 - Java Stream API	Very Easy	
5		✓	✓	05 - Java Stream API	Very Tough	
6		✓	✓	05 - Java Stream API	Very Easy	List<Integer> ls = Arrays.asList(1, 2, 3, 4, 5, 6, 7, 8, 9, 10); IntStream is2 = IntStream.rangeClosed(1, 10).filter(i -> i % 2 == 0); return b.getGenre().equals("Rock") ? "Rock" : "Other"; Write a method to find the following code prints: return grade; //constructors and accessors not shown public static void main(String[] args) { try { } catch (IOException e) { }
7		✓	✓	05 - Java Stream API	Very Tough	
8		✓	✗	05 - Java Stream API	Tough	
9		✓	✓	05 - Java Stream API	Tough	
10		✓	✓	05 - Java Stream API	Easy	
11		✓	✓	05 - Java Stream API	Very Tough	
12		✓	✓	05 - Java Stream API	Easy	

View Questions

Pause Test

Evaluate Test

## JDBC

- 01 - Java Class Design
- 02 - Advanced Class Design
- 03 - Generics and Collections
- 04 - Lambda Expressions and Functions
- 05 - Java Stream API
- 06 - Exceptions and Assertions
- 07 - Date/Time API
- 08 - I/O Fundamentals
- 08 - NIO 2
- 09 - JDBC
- Taken on - 17 nov, '23 09:07 PM
- Taken on - 18 nov, '23 02:30 PM
- Taken on - 18 nov, '23 02:51 PM
- Taken on - 22 nov, '23 06:59 PM
- Taken on - 22 nov, '23 07:13 PM
- Taken on - 01 dic, '23 05:18 PM
- 10 - Threads
- 11 - Concurrency

**Test Overview**

<b>Name</b>	Taken on - 01 dic, '23 05:18 PM	<b>Status</b>	Passed 88%
<b>Correct Answers</b>	7	<b>Total Questions</b>	8
<b>Time Taken</b>	00:05:50	<b>Total Time</b>	00:14:08
<b>Start Time</b>	01 dic '23 16:18	<b>Finish/Pause Time</b>	01 dic '23 16:24

Test Details    Performance Report

S ...	Marked	Atte...	Result	Exam Objective	Difficulty L...	Problem Statement
1		✓	✓	09 - JDBC - Fundamen...	Very Easy	DriverManager.getConnection("jdbc:de "aaa" "resultSet rs = stmt.execute order by EMPID asc" //LINE 10 rs.updateString(2, "Java in 24 hours ResultSet rs = stmt.execute
2		✓	✓	09 - JDBC - Fundamen...	Easy	
3		✓	✓	09 - JDBC - Fundamen...	Easy	
4		✓	✓	09 - JDBC - Fundamen...	Easy	
5		✓	✓	09 - JDBC - Fundamen...	Tough	Identify the correct statements:
6		✓	✓	09 - JDBC - Fundamen...	Easy	You want to use a third party JDBC driv
7		✓	✗	09 - JDBC - Fundamen...	Very Easy	You have a long running process that d
8		✓	✓	09 - JDBC - Fundamen...	Very Easy	