Java 6 Fundamentals

Assessment Fact Sheet

Overview

The Java 6 Fundamentals test measures knowledge of Java Language Version 6. This test is designed for entry-level programmers.

Job Family/Title	Application Developer, Programmer

Details

Average Testing Time (minutes)	33 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Designed for Unproctored Environment	Yes
Question Format	Multiple Choice – Adaptive
Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Class Definition
- Core Libraries
- Integration Libraries
- Practical Software Engineering
- Support Libraries
- Syntax
- Tools
- Virtual Machine

Example Questions

You use a java.util.ArrayList as the implementation for a java.util.List collection.

Based on the scenario above, what happens when you add an element that exceeds the ArrayList's capacity?

a ○	The ArrayList automatically expands to fit the addition.
b ○	The call throws an ArrayIndexOutOfBounds exception.
c ○	The call throws a runtime exception.
d ○	The add() call returns with a value of -1.
e ○	The virtual machine terminates the application.

Example Reports

Test: Java 6 Fundamentals
This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

Score: 3.19
Proficiency Level: Proficient (2.51 - 3.50)
The candidate has mastered the basic concepts of Java 6 Fundamentals, including:

- Syntax
- Virtual Machine
- Class Definition

The candidate demonstrates a clear understanding of intermediate Java 6 Fundamentals concepts, such as:

- Core Libraries
- Practical Software Engineering

The candidate may have some knowledge of more advanced Java 6 Fundamentals concepts such as:

- Tools
- Support Libraries
- Integration Libraries

At the Proficient level, the candidate will be capable of working on most projects involving Java 6 Fundamentals with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

Percentile Comparisons
The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons

		Low	Medium	High
Percentile		30	70	100
Global Population	55		◆	
Company Population	68			◆

Detail Item Results

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	JAVA_6_FUND_BB_3066	Core Libraries	I/O	Intermediate	83.4	Yes						
2	JAVA_6_FUND_BB_2004	Core Libraries	Language and Utilities	Intermediate	86.2	No						
3	JAVA_6_FUND_BB_3079	Syntax	Flow of Control	Basic	98.5	Yes						