Software Quality Assurance

Assessment Fact Sheet

Overview

The Software Quality Assurance test measures knowledge of maintaining software quality throughout the development lifecycle. Designed for individuals working in software quality control or software development.

Job Family/Title	Software Developers, Software Testers, Quality Assurance Technicians

Details

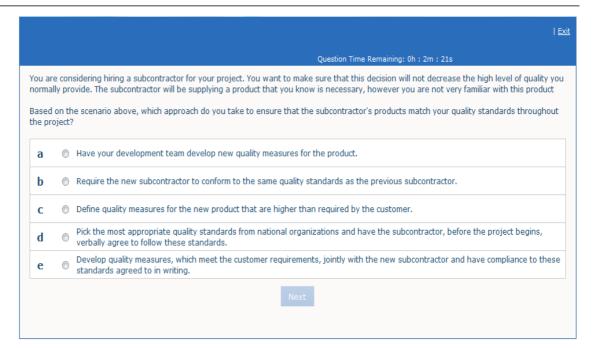|	
Average Testing Time (minutes)	26 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Number of Sittings	One
Designed for Unproctored Environment	Yes
Question Format	Multiple Choice - Adaptive
Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

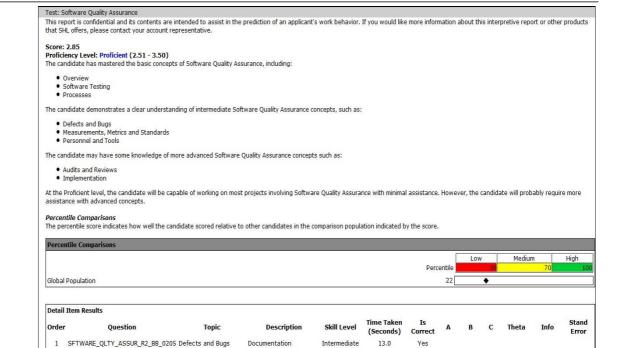- Audits and Reviews
- Defects and Bugs
- Implementation
- Measurements, Metrics and Standards
- Overview
- Personnel and Tools
- Processes
- Software Testing

Example Question

| Exit

Question Time Remaining: 0h : 2m : 21s

You are considering hiring a subcontractor for your project. You want to make sure that this decision will not decrease the high level of quality you normally provide. The subcontractor will be supplying a product that you know is necessary, however you are not very familiar with this product

Based on the scenario above, which approach do you take to ensure that the subcontractor's products match your quality standards throughout the project?

a ○ Have your development team develop new quality measures for the product.

b ○ Require the new subcontractor to conform to the same quality standards as the previous subcontractor.

c ○ Define quality measures for the new product that are higher than required by the customer.

d ○ Pick the most appropriate quality standards from national organizations and have the subcontractor, before the project begins, verbally agree to follow these standards.

e ○ Develop quality measures, which meet the customer requirements, jointly with the new subcontractor and have compliance to these standards agreed to in writing.

Next

Example Report

Test: Software Quality Assurance
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: 2.85
Proficiency Level: Proficient (2.51 - 3.50)
The candidate has mastered the basic concepts of Software Quality Assurance, including:

• Overview
• Software Testing
• Processes

The candidate demonstrates a clear understanding of intermediate Software Quality Assurance concepts, such as:

• Defects and Bugs
• Measurements, Metrics and Standards
• Personnel and Tools

The candidate may have some knowledge of more advanced Software Quality Assurance concepts such as:

• Audits and Reviews
• Implementation

At the Proficient level, the candidate will be capable of working on most projects involving Software Quality Assurance 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	22	◆		

Detail Item Results

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	SFTWARE_QLTY_ASSUR_R2_BB_0205	Defects and Bugs	Documentation	Intermediate	13.0	Yes						
2	SFTWARE_QLTY_ASSUR_R2_BB_0047	Personnel and Tools	Automated Tools	Intermediate	11.3	No						
3	SFTWARE_QLTY_ASSUR_R2_BB_0215	Measurements, Metrics and Standards	SQA Standards	Intermediate	12.1	Yes						