PSTQB
ASSOCIAÇÃO PORTUGUESA
DE TESTES DE SOFTWARE

ISTQB® CT
Foundation Level

The Foundation Level syllabus forms the basis of the International Software Testing Qualifications Board (ISTQB®) Certified Tester Scheme.

ISTQB® Foundation Level is relevant across software delivery practices including Waterfall, Agile, DevOps and Continuous Delivery.

The 2018 Foundation Level qualification is suitable for anyone who needs to demonstrate practical knowledge of the fundamental concepts of software testing including people in roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers.
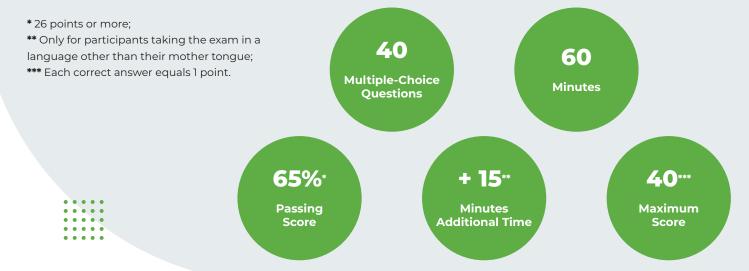
It is also appropriate for individuals who need a basic understanding of software testing including project managers, quality managers, software development managers, business analysts, IT directors and management consultants.

It is recommended that participants have, at least, 6 months of experience in the software testing area.

CONTENTS

Fundamentals of Testing	Testing Troughout the Software Development Lifecycle	Static Testing	Test Techniques	Test Managment	Tool Support for Testing
What is Testing?	Software Development Lifecycle Models	Static Testing Basics	Categories of Test Techniques	Test Organisation	Test Tool Considerations
Why is Testing Necessary?	Test Levels	Review Process	Black-box Test Techniques	Test Planning and Estimation	Effective Use of Tools
Seven Testing Principles	Test Types		White-box Test Techniques	Test Monotoring and Control	
Test Process	Maintenance Testing		Experience-based Test Techniques	Configuration Managment	
The Psychology of Testing				Risk and Testing	
				Defect Managment	

EXAM STRUCTURE

* 26 points or more;
** Only for participants taking the exam in a language other than their mother tongue;
*** Each correct answer equals 1 point.

40
Multiple-Choice Questions

60
Minutes

65%*
Passing Score

+ 15**
Minutes Additional Time

40***
Maximum Score

BUSINESS OUTCOMES

- Promote efficient and effective communication by using a common vocabulary for software testing;
- Understand fundamental concepts of software testing;
- Demonstrate understanding of how different development and testing practices, and different constraints on testing, may apply in optimizing testing to different contexts;
- Contribute effectively in reviews;
- Use established techniques for designing tests at all test levels;
- Interpret and execute tests from given test specifications. Report on test results;
- Understand test management principles for resources, strategies, planning, project control and risk management;
- Write and communicate clear and understandable defect reports;
- Understand the project factors that drive the test priorities and test approach;
- Understand the value that software testing brings to stakeholders;
- Appreciate how testing activities and work products align with project objectives, measures and targets;
- Assist in the selection and implementation process of testing tool.

For more information, please contact: exames@pstqb.pt

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