PSTQB
ASSOCIAÇÃO PORTUGUESA
DE TESTES DE SOFTWARE

ISTQB® CTAL Test Manager

The **ISTQB® Advanced Level Test Manager (CTAL-TM)** certification provides the knowledge and competencies to take responsibility for managing all the testing activities across the software development lifecycle. It covers everything from how to design a suitable test approach for the project based on the organizational test strategy to building a test team or testing competencies to complete the necessary testing.

To get the Advanced Level certification, candidates must hold the Foundation Certificate and have sufficient practical experience.

CONTENTS

Testing Process

Test Planning, Monotoring and Control

Test Analysis and Design

Test Implementation and Execution

Evaluating Exit Criteria and Reporting

Test Closure Activities

Test Management

Risk-based Testing

Test Documentation

Test Estimation and Test Metrics

Business Value of Testing

Distributed, Outsourced and Insourced Testing

Managing the Application of Industry Standards

Reviews

Management Reviews and Audits

Managing Reviews

Metrics for reviews

Managing Formal Reviews

Defect Management

Defect Lifecycle

Defect Report Information

Assessing Process Capability with Defect Report Info

Improving the Testing Process

Test Improvement Process

Improving the testing process with CMMi, TPI, CTP, STEP

Test Tool and Automation

Tool Selection

Tool Lifecycle

Tool Metrics

People Skills

Individual Skills

Test Team Dynamics

Fitting Testing Within an Organization

Motivation

Communication

EXAM STRUCTURE

65
Multiple-Choice Questions

3
Hours

65%*
Passing Score

+ 45**
Minutes Additional Time

115***
Maximum Score

BUSINESS OUTCOMES

- Manage a testing project by implementing the mission, goals and testing processes established for the testing organization;

- Organize and lead risk identification and risk analysis sessions and use the results of such sessions for test estimation, planning, monitoring and control;

- Create and implement test plans consistent with organizational policies and test strategies;

- Continuously monitor and control the test activities to achieve project objectives;

- Assess and report relevant and timely test status to project stakeholders;

- Identify skills and resource gaps in their test team and participate in sourcing adequate resources;

- Identify and plan necessary skills development within their test team;

- Propose a business case for test activities which outlines the costs and benefits expected;

- Ensure proper communication within the test team and with other project stakeholders;

- Participate in and lead test process improvement initiatives.

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

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Certified Tester
Advanced Level
Test Manager