PSTQB
ASSOCIAÇÃO PORTUGUESA
DE TESTES DE SOFTWARE

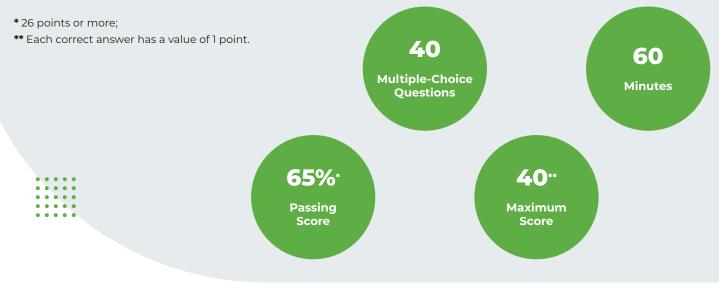# ISTQB® CTFL Model-Based Tester

Model-based testing is an innovative test approach to improve effectivity and efficiency of the test process. A model-based tester on a project uses models to drive test analysis and design, and keeps advantage of the models for other testing activities such as test implementation and reporting.

ISTQB® Model-Based Tester certification complements the core foundation level as a specialist module. It provides a practical and easy entry to the MBT approach.

To be eligible to undertake the Model-Based Tester Foundation certification exam, candidates must first hold the ISTQB® Foundation Certificate.

CONTENTS

Introduction Model-Based Testing	MBT Modeling	Selection Criteria for Test Case Ganeration	MBT Test Implementation and Execution	Evaluating and Deploying MBT Approach
Objectives and Motivations for MBT	MBT Modeling Activities	Classification of MBT Test Selection Criteria	Specifics of MBT Test Implementation and Execution	Evaluate an MBT Deployment
MBT Activities and Artifacts	Language for MBT Models	Applying Test Selection Criteria	Activities of Test Adaptation in MBT	Manage and Monitor the Deployment of an MBT Approach
IIntegrating MBT into the Software Development Lifecycles	Good Practices for MBT Modeling Activities			

EXAM STRUCTURE

* 26 points or more;
** Each correct answer has a value of 1 point.

40
Multiple-Choice
Questions

60
Minutes

65%*
Passing
Score

40**
Maximum
Score

BUSINESS OUTCOMES

- Objectives and motivations for model-based testing;

- Activities specific to MBT and essential MBT artifacts;

- Integrating MBT into the software development lifecycle;

- MBT modeling (good practices, languages, types of MBT models);

- Test selection criteria used in model-based testing;

- MBT test implementation and execution;

- Evaluating and deploying an MBT Approach.

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

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