

ISTQB CTFL

ISTQB TESTER FOUNDATION CERTIFICATION QUESTIONS & ANSWERS

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CTFL

[ISTQB Certified Tester - Foundation Level \(CTFL\)](#)

40 Questions Exam – 26/40 Cut Score – Duration of 60 minutes

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Discover More about the CTFL Certification

Are you interested in passing the ISTQB CTFL exam? First discover, who benefits from the CTFL certification. The CTFL is suitable for a candidate if he wants to learn about Foundation Level. Passing the CTFL exam earns you the ISTQB Certified Tester - Foundation Level (CTFL) title.

While preparing for the CTFL exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The CTFL PDF contains some of the most valuable preparation tips and the details and instant access to useful CTFL study materials [just at one click](#).

ISTQB CTFL Tester Foundation Certification Details:

Exam Name	ISTQB Certified Tester - Foundation Level
Exam Code	CTFL
Exam Fee	USD \$230
Exam Duration	60 Minutes
Number of Questions	40
Passing Score	26/40
Format	Multiple Choice Questions
Books / Trainings	Trainings
Schedule Exam	Pearson VUE
Sample Questions	ISTQB Foundation Level Exam Sample Questions and Answers
Practice Exam	ISTQB Certified Tester - Foundation Level (CTFL) Practice Test

CTFL Syllabus:

Topic	Details
Fundamentals of Testing - 180 minutes	
What is Testing?	- Identify typical test objectives

Topic	Details
	- Differentiate testing from debugging
Why is Testing Necessary?	- Exemplify why testing is necessary - Recall the relation between testing and quality assurance - Distinguish between root cause, error, defect, and failure
Testing Principles	- Explain the seven testing principles
Test Activities, Testware and Test Roles	- Summarize the different test activities and tasks - Explain the impact of context on the test process - Differentiate the testware that supports the test activities - Explain the value of maintaining traceability - Compare the different roles in testing
Essential Skills and Good Practices in Testing	- Give examples of the generic skills required for testing - Recall the advantages of the whole team approach - Distinguish the benefits and drawbacks of independence of testing
Testing Throughout the Software Development Lifecycle - 130 minutes	
Testing in the Context of a Software Development Lifecycle	- Explain the impact of the chosen software development lifecycle on testing - Recall good testing practices that apply to all software development lifecycles - Recall the examples of test-first approaches to development - Summarize how DevOps might have an impact on testing - Explain the shift-left approach - Explain how retrospectives can be used as a mechanism for process improvement
Test Levels and Test Types	- Distinguish the different test levels - Distinguish the different test types - Distinguish confirmation testing from regression testing
Maintenance Testing	- Summarize maintenance testing and its triggers
Static Testing - 80 minutes	
Static Testing Basics	- Recognize types of products that can be examined by the different static test techniques - Explain the value of static testing - Compare and contrast static and dynamic testing
Feedback and Review Process	- Identify the benefits of early and frequent stakeholder feedback - Summarize the activities of the review process - Recall which responsibilities are assigned to the principal roles

Topic	Details
	when performing reviews - Compare and contrast the different review types - Recall the factors that contribute to a successful review
Test Analysis and Design - 390 minutes	
Test Techniques Overview	- Distinguish black-box, white-box and experience-based test techniques
Black-box Test Techniques	- Use equivalence partitioning to derive test cases - Use boundary value analysis to derive test cases - Use decision table testing to derive test cases - Use state transition testing to derive test cases
White-box Test Techniques	- Explain statement testing - Explain branch testing - Explain the value of white-box testing
Experience-based Test Techniques	- Explain error guessing - Explain exploratory testing - Explain checklist-based testing
Collaboration-based Test Approaches	- Explain how to write user stories in collaboration with developers and business representatives - Classify the different options for writing acceptance criteria - Use acceptance test-driven development (ATDD) to derive test cases
Managing the Test Activities - 335 minutes	
Test Planning	- Exemplify the purpose and content of a test plan - Recognize how a tester adds value to iteration and release planning - Compare and contrast entry criteria and exit criteria - Use estimation techniques to calculate the required test effort - Apply test case prioritization - Recall the concepts of the test pyramid - Summarize the testing quadrants and their relationships with test levels and test types
Risk Management	- Identify risk level by using risk likelihood and risk impact - Distinguish between project risks and product risks - Explain how product risk analysis may influence thoroughness and scope of testing - Explain what measures can be taken in response to analyzed product risks
Test Monitoring, Test Control and	- Recall metrics used for testing - Summarize the purposes, content, and audiences for test

Topic	Details
Test Completion	reports - Exemplify how to communicate the status of testing
Configuration Management	- Summarize how configuration management supports testing
Defect Management	- Prepare a defect report
Test Tools - 20 minutes	
Tool Support for Testing	- Explain how different types of test tools support testing
Benefits and Risks of Test Automation	- Recall the benefits and risks of test automation

Broaden Your Knowledge with ISTQB CTFL Sample Questions:

Question: 1

You have just completed a pilot project for a regression testing tool. You understand the tool much better, and have tailored your testing process to it. You have standardized an approach to using the tool and its associated work products.

Which of the following is a typical test automation pilot project goal that remains to be carried out?

- a) Learn more details about the tool
- b) See how the tool would fit with existing processes and practices
- c) Decide on standard ways of using, managing, storing, and maintaining the tool and the test assets
- d) Assess whether the benefits will be achieved at reasonable cost

Answer: d

Question: 2

Which of the following is a typical test objective?

- a) Preventing defects
- b) Repairing defects
- c) Comparing actual results to expected results
- d) Analyzing the cause of failure

Answer: a

Question: 3

What is checklist-based testing?

- a) A test technique in which tests are derived based on the tester's knowledge of past faults, or general knowledge of failures.
- b) Procedure to derive and/or select test cases based on an analysis of the specification, either functional or non-functional, of a component or system without reference to its internal structure.
- c) An experience-based test technique whereby the experienced tester uses a list of items to be noted, checked, or remembered, or a set of rules or criteria against which a product has to be verified.
- d) An approach to testing where the testers dynamically design and execute tests based on their knowledge, exploration of the test item and the results of previous tests.

Answer: c

Question: 4

Which TWO of the following can affect and be part of the (initial) test planning?

- a) Budget limitations.
- b) Test objectives.
- c) Test log.
- d) Failure rate.
- e) Use cases.

Answer: a, b

Question: 5

In a formal review, what is the role name for the participant who runs an inspection meeting?

- a) Facilitator
- b) Programmer
- c) Author
- d) Project manager

Answer: a

Question: 6

For which of the following situations is explorative testing suitable?

- a) When time pressure requires speeding up the execution of tests already specified.
- b) When the system is developed incrementally and no test charter is available.
- c) When testers are available who have sufficient knowledge of similar applications and technologies.
- d) When an advanced knowledge of the system already exists and evidence is to be provided that it should be tested intensively.

Answer: c

Question: 7

As a result of risk analysis, more testing is being directed to those areas of the system under test where initial testing found more defects than average.

Which of the following testing principles is being applied?

- a) Beware of the pesticide paradox.
- b) Testing is context dependent.
- c) Absence-of-errors is a fallacy.
- d) Defects cluster together.

Answer: d

Question: 8

In what way can testing be part of Quality Assurance?

- a) It ensures that requirements are detailed enough.
- b) It contributes to the achievement of quality in a variety of ways.
- c) It ensures that standards in the organization are followed.
- d) It measures the quality of software in terms of number of executed test cases.

Answer: b

Question: 9

You are running a performance test with the objective of finding possible network bottlenecks in interfaces between components of a system.

Which of the following statements describes this test?

- a) A functional test during the integration test level
- b) A non-functional test during the integration test level
- c) A functional test during the component test level
- d) A non-functional test during the component test level

Answer: b

Question: 10

How can white-box testing be applied during acceptance testing?

- a) To check if large volumes of data can be transferred between integrated systems.
- b) To check if all code statements and code decision paths have been executed.
- c) To check if all work process flows have been covered.
- d) To cover all web page navigations.

Answer: c

Avail the Study Guide to Pass ISTQB CTFL Tester Foundation Exam:

- Find out about the CTFL syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [CTFL syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the CTFL training. Joining the ISTQB provided training for CTFL exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [CTFL sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. CTFL practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the CTFL exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the CTFL Certification

ProcessExam.Com is here with all the necessary details regarding the CTFL exam. We provide authentic practice tests for the CTFL exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on ProcessExam.Com for rigorous, unlimited two-month attempts on the [CTFL practice tests](https://www.processexam.com/istqb/istqb-certified-tester-foundation-level-ctfl), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the ISTQB Certified Tester - Foundation Level (CTFL).

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