# ISTQB CTAL-ATT

**ISTQB AGILE TECHNICAL TESTER CERTIFICATION QUESTIONS & ANSWERS**

Exam Summary – Syllabus – Questions

### CTAL-ATT

**ISTQB Certified Tester Advanced Level Agile Technical Tester (CTAL-ATT)**

**40 Questions Exam – 42 / 64 Cut Score – Duration of 90 minutes**

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# Table of Contents

# Know Your CTAL-ATT Certification Well:

The CTAL-ATT is best suitable for candidates who want to gain knowledge in the ISTQB Agile. Before you start your CTAL-ATT preparation you may struggle to get all the crucial Agile Technical Tester materials like CTAL-ATT syllabus, sample questions, study guide.

But don't worry the CTAL-ATT PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the CTAL-ATT syllabus?
- How many questions are there in the CTAL-ATT exam?
- Which Practice test would help me to pass the CTAL-ATT exam at the first attempt?

Passing the CTAL-ATT exam makes you ISTQB Certified Tester Advanced Level Agile Technical Tester (CTAL-ATT). Having the Agile Technical Tester certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

# ISTQB CTAL-ATT Agile Technical Tester Certification Details:

| Exam Name | ISTQB Advanced Level Agile Technical Tester |
|---|---|
| Exam Code | CTAL-ATT |
| Exam Fee | USD $250 |
| Exam Duration | 90 Minutes |
| Number of Questions | 40 |
| Passing Score | 42 / 64 |
| Format | Multiple Choice Questions |
| Schedule Exam | **Pearson VUE** |
| Sample Questions | **ISTQB CTAL-Agile Technical Tester Exam Sample Questions and Answers** |
| Practice Exam | **ISTQB Certified Tester Advanced Level Agile Technical Tester (CTAL-ATT) Practice Test** |

# CTAL-ATT Syllabus:

| Topic | Details |
|---|---|
| **Requirements Engineering** | |
| **Requirements Engineering Techniques** | - Analyze user stories and epics using requirements engineering techniques<br>- Describe the requirements engineering techniques and how they can help testers<br>- Create and evaluate testable acceptance criteria for a given user story using requirements engineering and test techniques<br>- Describe the elicitation techniques |
| **Testing in Agile** | |
| **Agile development and test techniques** | - Apply test-driven development (TDD) in the context of a given example in an Agile project<br>- Understand the characteristics of a Unit test<br>- Understand the meaning of the mnemonic word FIRST<br>- Apply behavior-driven development (BDD) in the context of a given user story in an Agile project<br>- Understand how to manage guidelines for a formulation of a scenario<br>- Analyze a product backlog in an Agile project to determine a way to introduce acceptance test-driven development (ATDD) |
| **Experience-based testing in Agile** | - Analyze the creation of a test approach using test automation, experience-based tests and back-box tests, created using other approaches (including risk-based testing) for a given scenario in an Agile project<br>- Explain differences between Mission critical and non-critical<br>- Analyze user stories and epics to create test charters<br>- Understand the use Experienced-based techniques |
| **Aspects of code quality** | - Understand the importance of refactoring test cases in Agile projects<br>- Understand practical task-list for Refactoring Test cases<br>- Analyze code as part of a code review to identify defects and technical debt<br>- Understand Static code Analysis |
| **Test Automation** | |
| **Test Automation Techniques** | - Apply data-driven and keyword-driven test techniques to develop automated test scripts<br>- Understand how to apply test automation to a given test approach in an Agile environment<br>- Understand the test automation<br>- Understand differences between various test approaches |

| Topic | Details |
|---|---|
| **Level of Automation** | - Understand the factors to consider when determining the level of test automation needed to keep up with the speed of deployment<br>- Understand the challenges of test automation in agile settings |
| **Deployment and Delivery** | |
| **Continuous Integration, continuous testing, and continuous delivery** | - Apply continuous integration (CI) and summarize its impact on testing activities<br>- Understand the role of continuous testing in continuous delivery and continuous deployment (CD) |
| **Virtualization** | - Understand the concept of service virtualization and its role in Agile projects<br>- Understand the benefits of service virtualization |

# ISTQB CTAL-ATT Sample Questions:

## Question: 1

Which of the following describes using Personas for requirements specification?

a) Visualize the group of user stories that Laura will work with
b) Analyze how Laura, an online marketeer, will interact with the system to identify acceptance criteria
c) Selecting the right test approach for online marketeers based on the visual aspect on the system
d) Describe the sequence of system operations carried out when Laura uses the system

**Answer: b**

## Question: 2

You are developing test automation that implements a Regression-avers test strategy.
Which of the following is an attribute that ESPECIALLY APPLIES to such implementation?

a) the set of regression tests grows in line with the growing set of features implemented
b) automated test cases from the set of regression tests are continuously improved and refactored
c) automated test cases are implemented in a way supporting good maintainability
d) the number of automated tests is limited by the number of tests given by the projects test pyramid

**Answer: a**

## Question: 3

A Swiss Banking system uses the services of a third party service for executing some transactions. Is there a place for using service virtualization when testing this system?

    a) No, since the third party service is external to the system
    b) Yes, as it allows performing time controlled non-functional testing of the system
    c) Yes, as it simplifies the test environment of the third party component
    d) No, as such setup cannot simulate inherent network travel time of messages

**Answer: b**

## Question: 4

Which of the following sentences about continuous testing and continuous delivery are correct? (Select TWO options).

    a) Tester performs daily test execution at a pre-set time as part of continuous delivery
    b) Tests are executed each time a new version of code is submitted by the developer
    c) Developers update the code repository with the daily code modifications at fixed intervals
    d) Automated deployment of a new version is set to take place at least once a day
    e) Application deployment is triggered each time the continuous testing passes successfully

**Answer: b, e**

## Question: 5

Which of the following correctly describes positive characteristic of unit tests?

    a) Unit test can be derived from the given epics and existing code of the test object
    b) While refactoring, the redesign of the unit test to adapt to the changed code is crucial
    c) Unit tests should be independent from system components other than the one to be tested
    d) A unit test should be written against large and complex code structures to get fast and feedback of the code quality

**Answer: c**

## Question: 6

Which of the following statements about performing exploratory testing with test charters is correct?

    a) Exploratory testing and black-box testing use the same metrics for measuring test coverage
    b) The result of performing exploratory testing by using test charters is finding defects and specification defects
    c) In contrast to black-box testing, the expected result is documented after a defect is found and not as part of test design
    d) Test charters are a useful tool to be used for testing when a detailed specification for the system under test is available

**Answer: c**

## Question: 7

You are a QA manager of a project where each feature must be checked with a very large number of input combinations. You think the approach of data-driven testing could be the correct solution. You want to prepare a Proof of Concept (PoC) to decide if using DDT technique would help or not. Which is the best option from the list below?

a) Ask the test automation team to create several TCs covering the different features, read the input data from a file and run the tests
b) Ask the test automation team to adapt some existing TCs to work with given test data
c) Ask the test automation team to prepare a TC for one of the features, read a sample of the input data and execute the test
d) Ask the test automation team to prepare a general TC which reads the input data from file and executes all the tests

**Answer: c**

## Question: 8

Summarize the characteristics of test automation in relation to development projects.

a) Supportive test automation effort must be done in the teams of the iteration teams themselves
b) Test automation supports the goals of an iteration directly, e.g., by reducing the regression risk associated with stability of the system
c) In large projects, there is usually one best solution that fits all needs, and so. on dedicated test automation strategies fits best
d) Test automation can play an important role in test environment configuration and test release acquisition

**Answer: d**

## Question: 9

The challenges described below are of test automation in agile settings or agile projects. Which is the correctly described one?

a) Resource's availability is a challenge in automating tests in agile settings, as they are needed to create, maintain, and execute the test suite
b) Unit testing automation is the most critical test automation needed in agile and covers most of the testing challenges in agile quality of code and gives good test coverage
c) Test deployment time is one of the challenges of agile testing, as deploying slow is not possible in short iterations
d) Test Execution Time is not critical in agile as there are fewer tests written, and they are designed as checklists or high-level tests which reduces the time it takes to execute them

**Answer: a**

## Question: 10

An increased proportion of automated test coverage often leads to a greater degree of manual testing that follows reactive strategies, because:

a) Many of the tests that can be prepared upfront, will be automated which enables the testers to spend more time for execution of manual tests
b) An increase of the proportion of automated test increases test coverage, and the uncovered areas are to be tested reactively
c) If the proportion of automated tests increases, manual tests focus on the riskiest areas which are identified reactively
d) Reactive strategies consider the current context and status of the project and the system under test. To be able to adopt to this status most flexible a greater degree of manual testing is necessary

**Answer: a**

# Study Guide to Crack ISTQB Agile Technical Tester CTAL-ATT Exam:

- Getting details of the CTAL-ATT syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the CTAL-ATT exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the ISTQB provided training for CTAL-ATT exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the CTAL-ATT sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on CTAL-ATT practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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