



## ISTQB Certified Tester Foundation Level Agile Tester



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# iSQL

## Exam CTFL-AT

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Version: 3.0

**[ Total Questions: 40 ]**

**Question No : 1**

Which tasks are typically performed by a tester on an Agile project?

- 1) Implementing test strategy.
- 2) Documenting business requirements.
- 3) Measuring and reporting test coverage.
- 4) Coaching development team in relevant aspects of testing.
- 5) Executing test-driven development tests.

- A. 2, 5
- B. 2, 4, 5
- C. 1, 3, 4
- D. 1, 3

**Answer: B**

**Question No : 2**

Which of the following statements would you expect to be the MOST direct advantage of the whole-team approach?

- A. Having at least once a day an automated build and test process that detects integration errors early and quickly.
- B. Avoiding requirements misunderstandings which may not have been detected until later in the development cycle when they are more expensive to fix.
- C. Capitalizing on the combined skills of business representatives, testers and developers working together to contribute to project success.
- D. Reducing the involvement of business representatives because of the increased communication and collaboration between testers and developers.

**Answer: C**

**Question No : 3**

User Story: As a user I want to be able to calculate tax percentage based on amount of income.

What is the best black box test design technique for verifying the accuracy of this user

story?

- A. Statement testing - test all statements in income calculation.
- B. User story testing - test that the user can enter an income amount and get a result.
- C. State transition testing - test all states of income entry.
- D. Equivalence partitioning - test with low, medium and high income.

**Answer: D**

#### **Question No : 4**

Which of the following describes the main purpose of a task management tool in agile projects?

- A. A task management tool is used by team members to share ideas and collaborate on assigned tasks.
- B. A task management tool is used to manage and track user stories, tests and other tasks.
- C. A task management tool is used to store source code and automated tests.
- D. A task management tool allows developers to continuously integrate their code.

**Answer: B**

#### **Question No : 5**

Which of the following statements is FALSE regarding early and frequent feedback?

- A. Early feedback decreases the amount of time needed for system testing.
- B. Early feedback promotes early discovery and resolution of quality problems.
- C. Early feedback provides the Agile team with information on its productivity.
- D. Early feedback helps to deliver a product that better reflects what the customer wants.

**Answer: C**

#### **Question No : 6**

Which one of the following is a testable acceptance criterion?

- A. The solution shall support business processes.
- B. The system shall be easy to use.
- C. The response time to confirm a customer submission must not exceed 5 seconds.

D. The tools for testing are tested before use and are meeting the requirements.

**Answer: C**

**Question No : 7**

What is the main benefit of the Test Pyramid?

- A. It means testing is involved early in the development cycle.
- B. It helps in evaluating the amount of test cases needed.
- C. It shows complexity of testing activities.
- D. It acts as a metric for testing progress.

**Answer: D**

**Question No : 8**

Iteration planning for Sprint 5 of your current project is complete. The plan for the sprint is to increase performance of the system, which of the following acceptance criteria would you expect for Sprint 5?

- 1) User access for all roles has been validated.
- 2) A static analysis tool has been executed for all code.
- 3) 100% of the existing regression test suite has passed.
- 4) System is responding in less than 3 seconds, 90% of the time.
- 5) A new version of internet Explorer has been included.

- A. 1, 3
- B. 3, 4
- C. 4, 5
- D. 2, 5

**Answer: B**

**Question No : 9**

You have been asked to execute an exploratory testing session on Park & Ride system. The test charter has been titled as "Buy a bus ticket". As a result, a number of defects were reported, the titles of which are listed below.

Which defect is out of scope for the given test charter?

- A. Price for a bus ticket was calculated incorrectly.
- B. Failed to buy a bus ticket after 18:00.
- C. Failed to buy a bus ticket when the network connection to the Central System is down.
- D. Payment for parking ticket is restricted to cash only (no credit card supported).

**Answer: D**

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**Question No : 10**

Which of the following sentences about the integration of development and testing activities in Agile projects is INCORRECT?

- A. While developers develop automated unit test scripts, testers write automated system level tests.
- B. Testers replace developers in writing unit test automation scripts.
- C. Developers write acceptance criteria and test cases, together with testers.
- D. Developers and testers may work as a pair to develop and test a feature.

**Answer: B**

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**Question No : 11**

You are developing the code that controls an industrial Espresso machine which will be operated by waiting staff in restaurants.

The machine is rather complicated and has lots of switches and buttons, so in the next iteration instructions will be provided to the operator on a small LCD screen.

A User Story for the Operator-Instructions module is as follows:

"As an operator of the Espresso machine, I would like to know how to steam milk, so I can add steamed milk to the coffee."

The following is a list of risks identified for this story, with assigned probability and impact.

- A. Operators will not read the instructions and will try various switches and buttons until something works. Probability: Low. Impact: Low

- B.** The instructions may be incorrect or appear in the wrong order. Probability: Low. Impact: High
- C.** An untrained customer will attempt to use the coffee machine. Probability: High. Impact: High
- D.** A small child may try to steam milk. Probability: High. Impact: Low

**Answer: B**

#### **Question No : 12**

You are a tester in an agile team. The user story you are due to test is still under development so your tests are blocked. The main issue holding progress on this user story is that the developer's unit tests are constantly failing.

As an agile tester, which of the following actions should you take?

- A.** Review the design of the problematic user story and improve it where possible.
- B.** Create a bug report for each of your blocked tests.
- C.** Work together with the developer, suggesting reasons why the tests are failing.
- D.** Use the time to improve and automate existing test cases of other user stories.

**Answer: C**

#### **Question No : 13**

A calculator application is being developed. The third sprint has been planned to add functionality to the calculator to allow scientific calculations.

Which TWO examples below represent activities that would likely be managed on an agile task board for the third sprint?

- 1) A task to design the features planned for the next sprint.
- 2) A task to run an acceptance test for a user story.
- 3) A task to automate regression tests.
- 4) A task to participate in training in preparation for the fourth sprint.
- 5) A task to produce a daily progress report for the agile team members.

- A.** 2, 3
- B.** 1, 4

C. 4, 5

D. 1, 5

**Answer: A**

**Question No : 14**

Which of the following allows a developer to define accurate unit tests focused on business needs?

A. Design-Driven Development

B. Behavior-Driven Development

C. Test-Driven Development

D. Acceptance Test-Driven Development

**Answer: D**

**Question No : 15**

During a retrospective, which of the following items would be the LEAST effective to generate discussions on process improvement?

A. The build process was slow and this often caused delays waiting for the build to complete.

B. For the last sprint the estimated and actual effort were much higher than the team capacity.

C. The automation tests failed frequently without any logs to help in debugging the failure reason.

D. One of the testers was regarded as being both disruptive and lazy and did not contribute to team success.

**Answer: D**

**Question No : 16**

Which of the following statements about the benefits of the Agile processes promoting early and frequent feedback is NOT true?

A. In Agile projects where feedback is provided early and frequently, defects and incorrect