

# ISTQB-TAE<sup>Q&As</sup>

ISTQB Certified Tester Advanced Level-Test Automation Engineering

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### QUESTION 1

Your company is new to test automation and as TAE, you have designed a TAS which successfully supports the SUT for the current project.

There are other systems currently in operation which have been tested manually and more systems are planned over the coming years. Based on this success, your company requires test automation be rolled out to other current and future

SUTs with consistency being a key objective.

Which of the following is the BEST way to achieve that?

- A. Design a new TAS for each SUT, and manage each one through a dedicated automation support team.
- B. Install the current TAS into a central repository so that other tests on different SUTs use the same version of the TAS.
- C. Check for correct connectivity to internal and external systems to ensure that the TAS has been installed and configured correctly for each SUT.
- D. Develop a tool that keeps track of automation failures across the different SUTs and produces regular reports to stakeholders.

Correct Answer: B

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### QUESTION 2

You have implemented a keyword-driven scripting framework, which uses a test execution tool to run the tests. This has been in use for the past year and all of the teams now use this framework as the standard approach for test execution.

The teams all work on different aspects of the SUT and they have all experienced significant benefits in the use of this scripting framework. However, on closer examination, you have discovered that there are numerous instances where the teams have the same functionality to test but are using different keywords.

One of your objectives for improvement is to create consistency among the teams.

What is the BEST way to handle this situation?

- A. Move to a model-based approach to scripting where the models include the keywords.
- B. Do nothing, each team are working in isolation and they are all experiencing significant benefits in the way they are currently working.
- C. Provide each team with a set of guidelines and naming conventions for keywords.
- D. Create a central library of keywords and associated definitions for each team to use.

Correct Answer: D

Reference: <https://www.scriptworks.io/blog/automation-testing-framework/>

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### QUESTION 3

You are using a gTAA to create a TAS for a project. The TAS is aimed at automatically and executing test cases based on a use-case Modeling approaching that uses UML as a modeling language. All the interaction between TAS and SUT will only be at the API and GUI level. Which of the following components of the gTAA would you EXCLUDE from the TAS?

- A. The test reporting component of the test execution layer.
- B. The Test execution component of the test generation layer
- C. The test execution (test engine) of the test execution layer
- D. The Command Line Interface (CLI) component of the test adaptation layer

Correct Answer: D

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### QUESTION 4

What is NOT a factor in considering when you are asked to ensure an effective transition from manual to automated tests?

- A. Complexity to automate the manual test cases
- B. Correctness of test data and test cases
- C. The look and feel of the SUT
- D. The controllability of the SUT

Correct Answer: C

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### QUESTION 5

Which of the following statements does NOT describe good practice for maintaining the TAS?

- A. The TAS must run in the development environment because development and programming knowledge are required for its maintainability
- B. The TAS must be under configuration management, along with the test suite, the testware artefacts and the test environment in which it runs
- C. The TAS must separate the test scripts from the environment in which it runs and from the associated harnesses and artefacts
- D. The TAS must consist of components that can be easily replaced without affecting the overall behavior of the TAS itself

Correct Answer: A

[Questions](#)