ISTQB-TAE^Q&As

ISTQB Certified Tester Advanced Level-Test Automation Engineering

Pass BCS ISTQB-TAE Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass4itsure.com/istqb-tae.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by BCS Official Exam Center

Instant Download After Purchase

100% Money Back Guarantee

365 Days Free Update

800,000+ Satisfied Customers

QUESTION 1

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/

QUESTION 2

Your TAS has been running successfully on a Windows/GUI based SUT for some years. The SUT has undergone minimal change over the years to maintain business as usual, deploying six-monthly releases for minor enhancements and

bug fixes using a waterfall lifecycle.

The TAS has not changed at all during this period. The current project for the SUT will be using the Scrum methodology to deliver a more modern, competitive, user interface. It is in the release planning stage with an agreed release backlog

and set of sprints outlined. The move from lengthy waterfall releases to shorter sprints has led you to conduct a review of the current TAS to make sure it is robust and fully optimised for the timescale challenges of the new project.

What two steps would be BEST to undertake during the review?

a) Ensure that new automation code is using the same naming conventions as existing code.

b) Perform a full regression run in Sprint 1 to identify what improvements could be made to the TAS for future sprints.

c) Ensure that the TAS is using the latest libraries for the operating system.

d) Review the functions that act upon the controls for the GUI for possible consolidation.

e) Involve the test team to see what ease-of-use improvements they would like to see made to the TAS.

A. c and d

B. b and c

C. a and b

D. d and e

Correct Answer: B

QUESTION 3

You have inherited a TAS that is working well it uses keyword-driven scripting and was well architected. The automation architect who built the system has now moved on to another company. The TAS is working across several projects and has a multiple library of keywords, categorised by project. The individual project teams maintain these keyword scripts.

Based only on the given information, what is the MOST significant risk for the TAS?

A. The keyword driven scripts may become out of date if not maintained

B. The level of abstraction, coupled with the departure of the architect may make the system hard to maintain

C. New projects may not work as well with the TAS as the current projects

D. Because the keyword scripts are maintained by different teams, there is a likelihood that good coding standards are not followed

Correct Answer: B

QUESTION 4

What is the PRIMARY advantage of using abstraction in the TAA?

A. It makes it more flexible for future reuse and improvements

B. It requires a higher skill level to implement

C. It ensures that any scripting method will be supported

D. It improves the performance of the TAS

Correct Answer: A

Reference: https://www.techtarget.com/whatis/definition/abstraction

QUESTION 5

Which of the following BEST describes why it is important to separate test definition from test execution in a TAA?

A. It allows developing steps of the test process without being closely tied to the SUT interface.

B. It allow choosing different paradigms (e.g event-driven) for the interaction TAS and SUT

C. It allows specify test cases without being closely tied to the tool to run them against the SUT

D. It allows testers to find more defects on the SUT

Correct Answer: C