CTAL-TAE^{Q&As}

Certified Tester Advanced Level - Test Automation Engineer (CTAL-TAE)

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QUESTION 1

You have been asked to determine a TAS for a new release of a SUT, test should be automated wherever.

The new release will consist of 5 new interfaces and an amendment to 3 existing interfaces. The new and

amended interface will be deliver incrementally in 3 sprints, each lasting 2 weeks.

What would be the BEST Test Automation Solution (TAS) design in this scenario?

A. Automate tests at both Component and System Level. Only do this automation once every interface has been fully developed or amended and manual testing has completed successfully.

B. Automate tests at one level only, System level. Use only the newly developed interfaces and do not create any customized interfaces/test hooks.

C. Automate the tests at two levels, Component and System level. Create customized hooks at Component level for interface not yet developed or amended. Only use the newly developed or amended interfaces to test at System level.

D. Automate a test at once level, component level, Create customized interface/test hooks for this level where the interface has not yet been developed or amended.

Correct Answer: AC

QUESTION 2

Consider the following example of TAS metrics.

Time to execute automated tests

Speed and efficiency of TAS components

Which of the following statements is TRUE?

A. A and B are both internal TAS metrics

B. A is an internal TAS metric and B is an external TAS metric

C. A and b are both external TAS metric

D. A is and external TAS metric and b is an internal TAS metric

Correct Answer: A

QUESTION 3

A regression test suite consist of 500 test cases which are all executed manually. The business case for a pilot project is based on the adoption of test automation using a commercial tool that will reduce the execution time by a factor of 90% for 100% of the tests in the regression test suite. The pilot project lasted one month (as planned) and you are currently its results. At the end of the pilot project, 40% of the regression tests have been automated and their execution time has been reduce by 60%. Which of the following statements is TRUE in this scenario?

A. The duration of the pilot project was too short ?t should last unit the success factors are achieved

B. The target defined for the business case is too accurate ?t should not be measureable

C. The project selected for the pilot is too critical ?f should not be too critical or too trivial

D. The target defined for the business case seems difficult to hit ?it should be realistic

Correct Answer: D

QUESTION 4

Which of the following is NOT a technical design consideration for a TAA?

A. The number of users for the SUT

B. Availability of interfaces for the SUT to be testable

C. Standards and Legal requirements, e.g data privacy

D. Data used by the SUT, e.g configuration, users

Correct Answer: A

QUESTION 5

Consider a SUT that small run on multiple platform during the execution of automated test runs. In each test run an automated test suite needs to be executed, with the same version of the TAF, against the same version of the SUT of each platform. Each platform shall have its own dedicated test environment. Your goal is to implement a process as automated as possible (i.e with minimal manual intervention) that allows implementing a consistent setup of the TAS across the multiple test environments. Which two of the following aspects are MOST relevant for achieving your goal in this scenario?

A) The configuration of the TAS uses automated installation scripts B) The TAF saves the logs needed to debug errors in XML format C) Features of the TAF not used by the automated tests have been tested D) All the automated test cases contain the expected results E) The TAS components are under configuration management

A. A and E

B. B and C

C. B and D

D. A and D

Correct Answer: A