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iSQI CTAL-TAE

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QUESTION NO: 1

Which of the following statement about the implementation of automated regression testing is FALSE?

- A. When automating regression tests, the structure of automated tests must always be the same as the corresponding manual tests
- B. When automating regression tests, the corresponding manual tests should have already been executed to verify they operate correctly
- C. When automating regression tests, the initialization steps set the test preconditions should be automated wherever possible
- D. When automating regression tests, consideration should be given to how much time would be saved by automation

ANSWER: B**QUESTION NO: 2**

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

ANSWER: A**QUESTION NO: 3**

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 delivered 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.

ANSWER: A C

QUESTION NO: 4

Consider a TAS that is going to be deployed for the first time. The TAS requires share resources and run it its own test environment. The infrastructure for the TAS has been created along with maintenance procedures. It is very unlikely the TAS will be required to work in other target

Environments. There is a high-risk that when the TAS is deployed in its own test environment, a number of existing application will no longer work because of conflicts with the existing shared resources.

Which of the following activities would you expect to be MOST effective at mitigating the risk associated with the first deployment of the TAS?

- A.** Testing the TAS for application compatibility issues in the target environment
- B.** Testing the TAS for its ability to be implemented in other target test environments.
- C.** Testing the TAS for regressions due to optimization that fix non-functional issues.
- D.** Testing the TAS for ITS ability to run a shared test environment

ANSWER: B