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QUESTION 1

Which of the following suitability criteria needs the MOST attention for the TAS?

A. Technical planning in support of ROI analysis

B. Frequency of use.

C. Compatibility and tool support

D. Maturity of the test process

Correct Answer: C

Reference: https://www.softwaretestinghelp.com/guide-to-functional-testing/

QUESTION 2

You are working on a TAS for standalone application. The automated tests are developed based on a automation framework that allows interaction with GUI elements using on object orientated API. The GUI elements include menus, buttons,

radio buttons, text toolbars and their properties.

Whilst automating a test, you have discovered that the GUI elements of some third party components are not identifiable by the automated tool you are using.

Which of the following is the FIRST step that you take to investigate this issue?

A. Verify the testability support with the providers of the third party components

B. Verify whether the GUI identification depends on the browser.

C. Adopt an approach that uses the coordinates of the GUI elements instead

D. Verify whether naming standards for variables and have been defined for the current automation solution

Correct Answer: A

QUESTION 3

What are the four horizontal layers of the gTAA?

A. Test adaptation, test execution, test design, test definition

B. Test generation, test execution, test definition, test APIs

C. Test generation, test definition, test execution, test adaptation

D. Test definition, test execution, test reporting, test adaptation

Correct Answer: C

Reference: https://www.slideshare.net/jannatindia/chapter-3-the-generic-test-automation- architecture

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QUESTION 4

You are implementing test automation for a project and you want to be able to generate test cases automatically using a series of test design tools which use a variety of test design techniques such as decision tables, pairwise testing and

boundary value analysis.

You also want to generate test data automatically which can then be used by the tests.

Initially these tests will be run manually to verify their correctness and ultimately you want to include them in the test execution tool so that they can run unattended.

Which layer of the gTAA will be used to support the specification of the test cases and preparation of the test data?

A. The generation layer

B. The definition layer

C. The execution layer

D. The adaptation layer

Correct Answer: B

Reference: https://www.slideshare.net/jannatindia/chapter-3-the-generic-test-automation- architecture

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QUESTION 5

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 acommercial 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