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QUESTION 1

You have been asked to implement test automation for a project that is not meeting its deadlines. After further analysis you discover that the manual testers are not able to keep up with the new feature testing because the regression testing is taking 75% of their time. As a result, the new features are being released with many defects and customers are complaining about the quality.

Given this information, what metric SHOULD you be tracking to show the value of test automation for this project?

- A. Percentage of code covered by the test automation.
- B. Equivalent Manual Test Effort for the automated tests.
- C. Number of defects found by test automation.
- D. Percentage of builds accepted/rejected by the automated tests.

Correct Answer: B

Reference: https://blog.testproject.io/2019/12/04/how-to-measure-the-value-of-your-test- automation/

QUESTION 2

You are executing the first test run of a test automation suite of 200 tests. All the relevant information related to the state of the SUT and to the automated test execution is stored in a small database. During the Automated test run you observe that the first 10 test pass, while an abnormal termination occurs when executing the 11thtest. This test does not complete its execution and the overall execution of the suite is aborted. An immediate analysis of the abnormal termination is expected to be time consuming and you have been asked to produce a detailed report of the execution results for the first test run, as soon as possible.

What is the MOST important FIRST step to be taken immediately after the abnormal occurred when executing the 11thtest?

- A. Re-run the test automation suite starting from the 12thtest
- B. Return the database to a consistent state that allows subsequent test to run
- C. Take a backup of the database in its current state. So It can be analyzed later
- D. Re-run the test automation suite starting from the 1sttest.

Correct Answer: C

QUESTION 3

A major component of your organisation\\'s Test Automaton Solution (TAS) is a popular open-source third-party capture-replay tool for automated functional testing.

Which two of the following must the Test Automation Engineer (TAE) ensure happens for this TAS?

a) The third party tool is placed under configuration management control.

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- b) The annual support and maintenance costs are agreed with the tool\\'s vendor.
- c) It is Important to obtain information about updates and new versions of the tool so that the third party tool is kept up to date.
- d) Ensure that the TAS test scripts are integrated into the tool\\'s framework.
- e) Ensure that no changes are made to the tool, because modifications are not allowed for third party products.
- A. a and b
- B. c and d
- C. a and c
- D. d and e

Correct Answer: A

QUESTION 4

A SUT has an existing automated test suite.

Which of the following statements relating to the introduction of new features in the SUT is TRUE?

- A. Automated tests are not affected by the introduction of a new feature and running them against the new SUT is a waste of effort
- B. The introduction of a new feature could require updates or additions to the testware components
- C. The test automation engineer should work with the business analysts to ensure the new feature is testable
- D. It is generally more difficult to automate test cases for a new feature as the development has not yet started

Correct Answer: B

QUESTION 5

If model-based testing has been selected for the overall test automation approach for a project, how does that influence the layers of the TAA?

- A. All layers are used, but the test generation layer will be automated based on the defined model
- B. There will be no need for the execution layer
- C. No adaptation will be needed because the interfaces will be defined by the model
- D. There will be no need to design the tests for the API because those will be covered by the model

Correct Answer: A



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