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QUESTION & ANSWER

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Exam : CT-TAE

Title : Certified Tester Test Automation Engineer

Version : DEMO

1.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
Answer: C

2.A web application was released into production one year ago, it has regular release which follow a V-model lifecycle and testing is well-established and fully integration into the development lifecycle. You have been asked to implement a TAS for the regression test suite. The regression tests have been developed via the GUI and are expected to be run at least four times a month, for each planned release, for the whole operation solution life of the system (six years). Each screen of the GUI uses several third-party controls which are not compatible with the existing automation solutions. The environment for the automation will be stable, fully controllable and separated from other environments (development, staging, production).
What could be the MOST problematic for this TAS?
A. Maturity of the test process
B. Complexity to automate
C. Frequency of use
D. Sustainability of the automated environment
Answer: B

3.Consider the following layers of the gTAA structure:
a. Test generation layer
b. Test definition layer
c. Test execution layer
d. Test execution layer
Consider the following capabilities associated with these layers.
Acquire all the necessary resources before each test and release all after run, in order to avoid interdependences between test Allow the automated test scripts on an abstract level to interact with components, configurations and interfaces of the SUT.
Design test directives that allow configuring the algorithms used to automatically produce the test cases a given model of the SUT.
Allow the definition and implementation of test cases and data by means of templates and/or guidelines.
Which of the following BEST matches each layer with the appropriate capability?
A. a-3, b-4, c-1, d-2
B. a-4, b-3, c-1, d-2
C. a-4, b-3, c-2, d-1
D. a-3, b-4, c-2, d-1
Answer: C

4.You are evaluating several test modelling tools and are wanting to automatically generate test cases within the tool where many different combinations of input data are created.

You are then wanting to export the test cases into a csv file which can then be read by a functional test execution tool using a data-driven or keyword-driven scripting method.
You have investigated several tools and there is only one tool that provides all the necessary features defined by your team with the exception of the export facility. It does not provide an export into either .xls or .csv formats.
What would be the BEST next step regarding the selection of this tool?
A. Consider another tool that is more “fit for purpose" and has all the features required.
B. Explore the possibility of creating your own export facility.
C. Ask the vendor and use forums to see if a solution is available or going to be available in the future.
D. Purchase this tool and generate the .csv file manually.
Answer: C

5.You are using a gTAA to create a TAS for a project. The TAS is aimed at automatically and executing test cases based on a use-case Modeling approaching that uses UML as a modeling language. All the interaction between TAS and SUT will only be at the API and GUI level.
Which of the following components of the gTAA would you EXCLUDE from the TAS?
A. The test reporting component of the test execution layer.
B. The Test execution component of the test generation layer
C. The test execution (test engine of the test execution layer
D. The Command Line Interface (CLI) component of the test adaptation layer
Answer: D