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QUESTION 1

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

Correct Answer: C

QUESTION 2

You are working on a web-based application called Book Vault that allows people to upload books and order books. This application must be available on all major browsers.

You have been testing the application manually and management have asked you to consider automating some of the

tests.

You have investigated a number of commercial and free tools which can automate tests at a web browser level and one tool in particular meets your requirements and you have implemented a trial version.

You have basic programming skills and the main goal is to automate a few functional tests to see if the tool is compatible with the application and can recognise the objects and controls.

Which scripting technique would be MOST suitable in this scenario in order to meet the objectives?

A. Structured scripting

B. Capture-replay scripting

C. Data-driven scripting

D. Model-based scripting

Correct Answer: B

Reference: https://www.professionalqa.com/capture-tool

QUESTION 3

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.

Correct Answer: C

QUESTION 4

Which of the following describes how a test execution report is likely to be used?

A. To understand which test step caused the failure in a test case

B. To identify problematic areas of the SUT by keeping a history showing which test cases fail the most

C. To measure coverage of the test basis by a test suite

D. To record how a test case failure has been fixed

Correct Answer: B

Reference: https://www.guru99.com/how-test-reports-predict-the-success-of-your-testing- project.html

QUESTION 5

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