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QUESTION 1

You are working as a TAE for a company who have been using a web test execution tool for a number of years. The tool has been used successfully on ten web applications in the past.

The company are developing a new web application which has a friendly User Interface, but the developers have used an object throughout the application which the tool is unable to recognise. As a result, you have no way of capturing the object or verifying the contents using the automation tool.

What is the first thing you should do about this problem?

- A. See if the application can be run on a desktop and if the object can be recognised on the desktop by the tool.
- B. Investigate whether the object can be recognised by other test execution tools in the market
- C. Ask the developers to remove the object and replace it with some text fields
- D. Ask the developers if they can change the object to something that can be recognised by the tool

Correct Answer: B

Reference: <https://www.softwaretestinghelp.com/web-application-testing/>

QUESTION 2

As the TAE, you are working with the organisation's Test Manager to decide which external metrics and which internal metrics should be gathered for the new TAS. Which of the following represents the BEST internal metric that would help measure the quality of the TAS and the number of problems associated with the TAS?

- A. The average maintenance cost to keep an automated test in sync with the SUT
- B. The number of hours of manual test effort saved by implementing a TAS
- C. A measure of defect density within the TAS automation code
- D. A measure of how many automated tests pass and fail

Correct Answer: C

QUESTION 3

You have inherited a TAS that is working well it uses keyword-driven scripting and was well architected. The automation architect who built the system has now moved on to another company. The TAS is working across several projects and has a multiple library of keywords, categorised by project. The individual project teams maintain these keyword scripts.

Based only on the given information, what is the MOST significant risk for the TAS?

- A. The keyword driven scripts may become out of date if not maintained
- B. The level of abstraction, coupled with the departure of the architect may make the system hard to maintain

- C. New projects may not work as well with the TAS as the current projects
- D. Because the keyword scripts are maintained by different teams, there is a likelihood that good coding standards are not followed

Correct Answer: B

QUESTION 4

You are working on a government system called "Making Tax Digital" or MTD for short. This system is being implemented to stop manual human input error and also to reduce fraudulent behaviour from companies when submitting their tax

and VAT returns.

The key concept is that registered companies will need to use government recommended 3rd party software for their accounts and book keeping. These 3rd party applications will have a direct interface into the government's main system for

transactions and submissions.

You have been using a test execution tool successfully on the project so far. and have implemented a basic "capture/replay" approach to scripting.

The management have been encouraged with the automation so far, but want the following objectives to be met:

*

Test cases added easily

*

Reduction in the amount of scripts and script duplication

*

Reduction in maintenance costs

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

A.

Linear scripting

B.

Structured scripting

C.

Data-driven scripting

D.

Keyword-driven scripting

Correct Answer: D

Reference: <https://www.guru99.com/keyword-driven-testing.html>

QUESTION 5

You are reviewing the testability of your SUT.

Which of the following BEST refers to the characteristic of OBSERVABILITY?

- A. The ability of the SUT to perform its intended function for a specified period of time
- B. The ability to exercise the SUT by entering inputs, triggering events and invoking methods
- C. The ability of the SUT to prevent unauthorized access to its components or data.
- D. The ability to identify states, outputs, intermediate result and error messages in the SUT

Correct Answer: D

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