DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: ISTQB

Exam: CTAL-TAE

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Question #1Topic 1

Which of the following is considered a disadvantage of test automation?

A. Automated exploratory testing is difficult to implement.

B. Test automation can be a distraction from the objective of finding bugs.

C. Tests are more likely to have operator errors.

D. Slower feedback on the quality of the system.

Correct Answer: A

Question #2Topic 1

Which of the following is an important success factor for any significant automation project?

A. The TAA must be designed for testability.

B. The TAA is self-documenting.

C. The SUT must be designed for testability.

D. The SUT is self-documenting.

Correct Answer: C

Question #3Topic 1

You are working as a TAE for a company who are re-designing their website. The new website provides information for customers and there are two minor features being developed:

Request a newsletter -

Ability to contact the organisation with a question or comment

The website must be “mobile friendly” and available on all major web browsers.

You have been tasked to provide an automated solution for web browsers only and to concentrate on the two minor features.

What would be a KEY challenge with automation in this context?

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A. A low level of intrusion is likely from use of existing UI elements, but depending on the solution this might be more complex than a higher level of intrusion.

B. Because there is a high level of intrusion there may be many false alarms.

C. Automation might not be possible on the mobile devices.

D. The benefits of automation might not be achieved for many years due to the complexities of the SUT and automation solution.

Correct Answer: A

Question #4Topic 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: D

Question #5Topic 1

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?

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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 #6Topic 1

When the SUT provides insight into the behaviour of the system, providing the users the with the status of the various actions performed so that they can check that expected behaviour equals actual behaviour, what is this called?

A. Portability.

B. Maintainability.

C. Observability.

D. Controllability.

Correct Answer: C

Question #7*Topic 1*

When the SUT provides interfaces that can then be used to perform actions on the SUT, what is this called?

A. Portability.

B. Maintainability.

C. Observability.

D. Controllability.

Correct Answer: D

Question #8*Topic 1*

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.

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

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

Correct Answer: C

Question #9*Topic 1*

You have been asked to determine a TAS for a new release of a SUT,test should be automated wherever. The new release will consist of 5 new interfaces and an amendment to 3 existing interfaces. The new and amended interface will be deliver incrementally in 3 sprints, each lasting 2 weeks.

What would be the BEST Test Automation Solution (TAS) design in this scenario?

A. Automate a test at once level, component level, Create customized interface/test hooks for this level where the interface has not yet been developed or amended.

B. Automate tests at one level only, System level. Use only the newly developed interfaces and do not create any customized interfaces/test hooks.

C. Automate the tests at two levels, Component and System level. Create customized hooks at Component level for interface not yet developed or amended. Only use the newly developed or amended interfaces to test at System level.

D. Automate tests at both Component and System Level. Only do this automation once every interface has been fully developed or amended and manual testing has completed successfully.

Correct Answer: C

Question #10*Topic 1*

Which of the following BEST describes why it is important to separate test definition from test execution in a TAA?

A. It allows testers to find more defects on the SUT

B. It allows developing steps of the test process without being closely tied to the SUT interface.

C. It allows specify test cases without being closely tied to the tool to run them against the SUT

D. It allow choosing different paradigms (e.g event-driven) for the interaction TAS and SUT

Correct Answer: C

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