Free Questions for CT-TAE by vceexamstest

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Question 1

If you are tracking the frequency that a test automation code reports a defect that is not really a defect, what metric are you gathering?

Options:

A- Tool scripting metrics

B- Automation code defect density

C- Trend metrics

D- The number of false-fail results

Answer:

D

Question 2

You are testing a major enhancement to an air traffic control user interface. You have use of a sophisticated pre-production test environment, created specifically for large scale automated regression, performance and security testing. The window for regression testing is limited and

must successfully conclude, with no major regressions remaining, before the non-functional testing starts.

You have been using the same version of the TAS for the last few releases, each time completing the automated regression test suite in a single overnight run. However, due to the latest enhancements for the SUT, you believe there is a risk that the test suite may no longer complete

overnight and therefore delay performance and security testing.

Which option would be the BEST and MOST cost-efficient approach to mitigate this risk?

Options:

A- Create a mirror of the pre-production test environment and split the regression test suite to run in parallel across the environments.

B- Split the regression test suite into multiple parts, running in the environment across consecutive nights.

C- Analyse the regression test suite and remove test coverage duplication and redundancy.

D- Introduce better coding practices for the automation scripts, including coding guidelines, reviews and improved static analysis.

Answer:

A

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?

Options:

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

Question 4

Question Type: MultipleChoice

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?

Options:

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

Answer:

C

Question 5

Question Type: MultipleChoice

What is the PRIMARY advantage of using abstraction in the TAA?

Options:

A- It makes it more flexible for future reuse and improvements

B- It requires a higher skill level to implement

C- It ensures that any scripting method will be supported

D- It improves the performance of the TAS

Answer:

A

Question 6

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

Options:

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

Answer:

B