Free Questions for CTAL-ATT

Shared by Noel on 04-10-2024

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Question 1

Why is it important to refactor test cases to make them easier to understand?

Options:

A- Because developers need to use them for performance testing

B- Because they will be used as the code-under-test changes, so they need to be easy for other testers to understand and modify

C- Because users will apply them as use cases for UAT and need to be able to determine the mam path and alternate paths

D- Because the observable behavior of the test case will change and the product owner needs to be able to clearly see what the behavior should be

Answer:

D

Question 2

Which of the following is a correct statement?

Options:

A- Test automation is a procedure

B- Test automation is a test objective

C- Test automation is a strategy

D- Test automation is a methodology

Answer:

D

Question 3

Question Type: MultipleChoice

Summarize the characteristics of test automation in relation to development projects.

Options:

A- Test automation can play an important role in test environment configuration and test release acquisition

B- In large projects, there is usually one best solution that fits all needs, and so. on dedicated test automation strategies fits best

C- Test automation supports the goals of an iteration directly, e.g., by reducing the regression risk associated with stability of the system

D- Supportive test automation effort must be done in the teams of the iteration teams themselves

Answer:

A

Question 4

Question Type: **MultipleChoice**

Which of the following is an example of how continuous testing facilitates continuous delivery?

Options:

A- Automated testing conducted in the delivery environment helps validate that the delivery has been successful

B- Continuous testing is the process that delivers the code to the test environment

C- Automated testing removes the need to report defects so the code can move more quickly toward production

D- Continuous testing supports continuous delivery to production by constantly regression testing the software in the production environment so problems are identified quickly

Answer:

D

Question 5

Question Type: MultipleChoice

Whose perspective should be used when a user story is created?

Options:

A- User acceptance tester

B- End user

C- Stakeholder paying for the project

D- Automated user software

Answer:

B

Question 6

Question Type: MultipleChoice

Refactoring of test cases is needed in agile projects for many reasons.

Which of the following statements about the refactoring of test cases is correct?

Options:

A- Refactoring of test cases is done to match and evolve the test cases due to changing functionality. The main benefits include improving the regression test cases and the continued alignment of the tests with the code base and product functionality

B- Refactoring of test cases is needed because we cannot write and maintain detailed test

cases in the short iterations associated with agile. The main benefits include aligning the pace of testing with development and the ability to quickly create new test cases

C- In general, in the agile world refactoring is a way to clean up test cases by making them shorter. The main benefits include the ability to write test cases quickly, being able to test faster using short test cases, and being able to automate them quickly

D- Refactoring of test cases is done as a process with the following steps: Identification, Refactor, Re-run, and Identify again. The main benefits include improving the regression test cases and maintaining the alignment of tests with the code base and product functionality

Answer:

A

Question 7

Question Type: MultipleChoice

Consider the following section of pseudocode

```
function getPassword() {

var x;

var y;

var z;

var passwordGood = false

// Get password from user, user is allowed 3 tries

do until x = 3

   call getPassword (password)

   if password is good

      x = 3

      passwordGood = true

   else

      x = x + 1

      display "Password is not valid, try again"

   endif

If passwordGood <> true
```

Display "You exceeded the number of tries to enter a password. Your account is now locked. Call customer.

```
endif

endloop

}
```

For this section of code, which of the following issues should be identified during a code review?

1. Variables have not been properly defined with meaningful names

2. There are unused variables defined

3. Divisors are not tested for zero

4. Loop counters are not properly initialized

5. There are endless loops

6. There are statements within the loop that should be outside the loop

Options:

A- 1, 3, 4, 5

B- 7, 3, 4, 6

C- 2, 3, 5, 6

D- 1, 2, 4, 6

Answer:

D

Question 8

Question Type: MultipleChoice

You have been working as a tester in an Agile team You have found that the user stories are being defined by the team but it is still unclear what will be a successful outcome Even after story elaboration you are still unclear as to what a story should do As a result, you're not really sure what to test or to know when you'll be done with testing This problem is becoming worse as completed stories are showcased but the product owner is unhappy with the results

You've looked into the matter further and the comments from the product owner indicate that features are missing from the stories. The story is functioning correctly within the limited definition of the story but the product owner is expecting more functionality, such as error handling that isn't being defined in the story

What technique should you implement that would help to further define the product owner's expectations and alleviate the issues that are arising during the show cases?

Options:

A- TDD by the developers before they begin coding

B- BDD by the developers when unit tests are being created

C- ATDD by the team to better define the requirements

D- A combination of TDD and BDD by the team to improve the pre-build testing

Answer:

C