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Question 1

Question Type: MultipleChoice

During a retrospective, which of the following items would be the LEAST effective to generate discussions on process improvement?

Options:

A- The build process was slow and this often caused delays waiting for the build to complete.

B- For the last sprint the estimated and actual effort were much higher than the team capacity.

C- The automation tests failed frequently without any logs to help in debugging the failure reason.

D- One of the testers was regarded as being both disruptive and lazy and did not contribute to team success.

Answer:

D

Question 2

Question Type: MultipleChoice

A calculator application is being developed. The third sprint has been planned to add functionality to the calculator to allow scientific calculations.

Which TWO examples below represent activities that would likely be managed on an agile task board for the third sprint?

1) A task to design the features planned for the next sprint.

2) A task to run an acceptance test for a user story.

3) A task to automate regression tests.

4) A task to participate in training in preparation for the fourth sprint.

5) A task to produce a daily progress report for the agile team members.

Options:

A- 2, 3

B- 1, 4

C- 4, 5

D- 1, 5

Answer:

A

Question 3

Question Type: MultipleChoice

Consider an online application that allows registered users to pay the annual car tax based on the vehicle's engine power in kW. Given the following user story:

"As a customer I need the online application to calculate the annual car tax amount that I need to pay for my car:

* If the power of the vehicle is less than 20 kW, then the annual car tax is free

* If the power of the vehicle is more or equal than 20 kW but less or equal than 150 kW, then the annual car tax is 250 Euros

* If the power of the vehicle is more than 150 kW, then the annual car tax is 750 Euros"

What is the MOST suitable use of a black-box test design technique for this user story?

Options:

A- Decision table testing. Test the following conditions:
Conditions=registered user logged in; inserted power of the vehicle=20kW;
Action=Car tax paid

B- State transition testing. Test the transitions between the following states:

logging in, inserting the power of the vehicle, making payment, logging out.

C- Equivalence partitioning. Test the annual car tax value for the following partitions:
[power of the vehicle<20 kW ; 20 kW power of the vehicles150 kW; power of the vehicle>150 kW]

D- Use case testing
Test the following use case (Actor=registered user):
Pre-condition=registered user logged in
Scenario=registered user inserts the power of the vehicle, making payment and logs out
Post-condition=car tax paid and registered user logged out

Answer:

C

Question 4

Question Type: **MultipleChoice**

You are a tester in an agile team. The user story you are due to test is still under development so your tests are blocked. The main issue holding progress on this user story is that the developer's unit tests are constantly failing.

As an agile tester, which of the following actions should you take?

Options:

A- Review the design of the problematic user story and improve it where possible.

B- Create a bug report for each of your blocked tests.

C- Work together with the developer, suggesting reasons why the tests are failing.

D- Use the time to improve and automate existing test cases of other user stories.

Answer:

C

Question 5

Question Type: MultipleChoice

Which of the following activities are done in release planning?

1) Identifying testable user stories with acceptance criteria.

2) Elaborating the user stories into tasks.

3) Prioritizing the user stories.

4) Creating acceptance tests for the user stories.

5) Analyzing risks for each of the user stories.

6) Performing high level estimation for the release.

Options:

A- Activities 1, 4 and 6

B- Activities 2 and 4

C- Activities 2, 3 and 5

D- Activities 1, 3 and 6

Answer:

D

Question 6

Question Type: **MultipleChoice**

A calculator application is being developed. The third sprint has been planned to add functionality to the calculator to allow scientific calculations.

Which TWO examples below represent activities that would likely be managed on an agile task board for the third sprint?

1) A task to design the features planned for the next sprint.

2) A task to run an acceptance test for a user story.

3) A task to automate regression tests.

4) A task to participate in training in preparation for the fourth sprint.

5) A task to produce a daily progress report for the agile team members.

Options:

A- 2, 3

B- 1, 4

C- 4, 5

D- 1, 5

Answer:

A

Question 7

Question Type: MultipleChoice

Which of the following activities are done in release planning?

1) Identifying testable user stories with acceptance criteria.

2) Elaborating the user stories into tasks.

3) Prioritizing the user stories.

4) Creating acceptance tests for the user stories.

5) Analyzing risks for each of the user stories.

6) Performing high level estimation for the release.

Options:

A- Activities 1, 4 and 6

B- Activities 2 and 4

C- Activities 2, 3 and 5

D- Activities 1, 3 and 6

Answer:

D

Question 8

Question Type: MultipleChoice

During a retrospective, which of the following items would be the LEAST effective to generate discussions on process improvement?

Options:

A- The build process was slow and this often caused delays waiting for the build to complete.

B- For the last sprint the estimated and actual effort were much higher than the team capacity.

C- The automation tests failed frequently without any logs to help in debugging the failure reason.

D- One of the testers was regarded as being both disruptive and lazy and did not contribute to team success.

Answer:

D

Question 9

Question Type: MultipleChoice

Consider an online application that allows registered users to pay the annual car tax based on the vehicle's engine power in kW. Given the following user story:

"As a customer I need the online application to calculate the annual car tax amount that I need to pay for my car:

* If the power of the vehicle is less than 20 kW, then the annual car tax is free

* If the power of the vehicle is more or equal than 20 kW but less or equal than 150 kW, then the annual car tax is 250 Euros

* If the power of the vehicle is more than 150 kW, then the annual car tax is 750 Euros"

What is the MOST suitable use of a black-box test design technique for this user story?

Options:

A- Decision table testing. Test the following conditions:
Conditions=registered user logged in; inserted power of the vehicle=20kW;
Action=Car tax paid

B- State transition testing. Test the transitions between the following states:
logging in, inserting the power of the vehicle, making payment, logging out.

C- Equivalence partitioning. Test the annual car tax value for the following partitions:

[power of the vehicle<20 kW ; 20 kW power of the vehicles150 kW; power of the vehicle>150 kW]

D- Use case testing

Test the following use case (Actor=registered user):

Pre-condition=registered user logged in

Scenario=registered user inserts the power of the vehicle, making payment and logs out

Post-condition=car tax paid and registered user logged out

Answer:

C