Question 1

You are working in a software development company which, for many years, used a sequential development model and was organized into separate departments for each functional group (e.g. business analysts, developers, testers) located within their own office space. Your organization has recently changed to a SCRUM agile framework. Which of the following is an important organizational and behavioral best practice for a tester in the SCRUM team that should have also been practiced when using the sequential model?

Options:

A- Resilient testing means that the testing process is capable of dealing with rapid changes throughout the development process with test plans being updated during each iteration.

B- Credibility means that the tester must share information with the stakeholders about the test process so that they find the selected test strategy and testing activities trustworthy.

C- Cross-functional teamwork means that all team members contribute to testing in various ways. For example, involving people with the test strategy, test planning and execution as well as test reporting.

D- Co-located teamwork means that all team members, including developers and testers, must sit together in the same office, so they can quickly communicate face-to-face.

Answer:

C

Question 2

Which of the following statements about a test charter are CORRECT?

1) It is used mainly in exploratory tests.

2) It is used to monitor a test process.

3) It may make reference to user stories.

4) It contains notes taken during a test session.

5) It is used to outline the company test policy.

Options:

A- 1, 2, 5

B- 2, 3, 4

C- 2, 4, 5

D- 1, 3, 4

Answer:

C

Question 3

Question Type: MultipleChoice

Which of the following statements about the benefits of the Agile processes promoting early and frequent feedback is NOT true?

Options:

A- In Agile projects where feedback is provided early and frequently, defects and incorrect requirements are caught earlier and those problems can be fixed faster.

B- Feedback from well-conducted Agile retrospectives can be used to positively affect the development process over the course of the next iteration.

C- Early and frequent feedback enables the team to deliver the features that represent the highest business value to the customer first.

D- Increasing the frequency of feedback and communication between all the stakeholders involved in Agile projects eliminates all communication problems.

Answer:

Question 4

You are developing the code that controls an industrial Espresso machine which will be operated by waiting staff in restaurants.

The machine is rather complicated and has lots of switches and buttons, so in the next iteration instructions will be provided to the operator on a small LCD screen.

A User Story for the Operator-Instructions module is as follows:

"As an operator of the Espresso machine, I would like to know how to steam milk, so I can add steamed milk to the coffee."

The following is a list of risks identified for this story, with assigned probability and impact.

Options:

A- Operators will not read the instructions and will try various switches and buttons until something works. Probability: Low. Impact: Low

B- The instructions may be incorrect or appear in the wrong order. Probability: Low. Impact: High

C- An untrained customer will attempt to use the coffee machine. Probability: High. Impact: High

D- A small child may try to steam milk. Probability: High. Impact: Low

Answer:

B

Question 5

Question Type: **MultipleChoice**

Which of the following is a risk that continuous integration introduces?

Options:

A- Teams sometimes over-rely on unit tests and exclude some important system and acceptance tests.

B- Testers sometimes have too many builds to test, which reduces the quality of testing.

C- Teams no longer have the ability to run manual tests, as all tests must be automated.

D- Developer's workload is increased, which can result in a reduction of output.

Answer:

D

Question 6

Which of the following would provide the MOST independence for testers working with agile teams?

Options:

A- Testers are fully embedded in each Agile team to perform many of the testing tasks.

B- Testers from an independent test team who do not get involved with the Agile team, but are assigned to do System Testing once all sprints are completed.

C- Testers from an independent test team are assigned on-demand for the final days of each sprint.

D- Testers from an independent test team are assigned to the Agile team at the beginning of the project, returning for re-assignment to a new agile team.

Answer:

B

Question 7

Iteration planning for Sprint 5 of your current project is complete. The plan for the sprint is to increase performance of the system, which of the following acceptance criteria would you expect for Sprint 5?

1) User access for all roles has been validated.

2) A static analysis tool has been executed for all code.

3) 100% of the existing regression test suite has passed.

4) System is responding in less than 3 seconds, 90% of the time.

5) A new version of internet Explorer has been included.

Options:

A- 1, 3

B- 3, 4

C- 4, 5

D- 2, 5

Question 8

Question Type: MultipleChoice

You have been asked to execute an exploratory testing session on Park & Ride system. The test charter has been titled as "Buy a bus ticket". As a result, a number of defects were reported, the titles of which are listed below.

Which defect is out of scope for the given test charter?

Options:

A- Price for a bus ticket was calculated incorrectly.

B- Failed to buy a bus ticket after 18:00.

C- Failed to buy a bus ticket when the network connection to the Central System is down.

D- Payment for parking ticket is restricted to cash only (no credit card supported).

Answer:

D