



Free Questions for TM12 by vceexamstest

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Question 1

Question Type: MultipleChoice

Assume you are currently working on a project developing a system where functional requirements are very well specified. Unfortunately non-functional requirements do almost not exist.

You are the Test Manager. You have to choose a technique for test selection that allows testing of non-functional characteristics, especially reliability.

Which of the following techniques for test selection do you expect being most useful in this scenario?

Number of correct responses: 1

Options:

- A- A model-based technique based on the creation of operational profiles
- B- Ambiguity reviews
- C- Test condition analysis
- D- Cause-effect graphing

Answer:

A

Question 2

Question Type: MultipleChoice

Which of the following statements about management of product quality risks in mature organizations with respect to the lifecycle, is true?

Number of correct responses: 1

Options:

- A-** Mature organizations address product quality risks associated to non-functional characteristics only during the system test phase
- B-** Mature organizations are aware that the contribution of testing to analysis of product quality risks is very important. The analysis should occur throughout the entire lifecycle
- C-** Mature organizations don't waste time identifying the sources of risks. They only focus on identifying product quality risks
- D-** Mature organizations are aware that risk management of product quality risks only occurs during testing

Answer:

B

Question 3

Question Type: MultipleChoice

Which of the following statements describing how identified product quality risks should be mitigated and managed, is true?

Number of correct responses: 1

Options:

- A-** The extent of re-testing and regression testing activities should be based on the risk level
- B-** The identification of new risks, the re-assessment of the level of existing risks and the evaluation of the effectiveness of risk mitigation activities should only occur at the very beginning of a project
- C-** Risk mitigation of product quality risks can be effective only after starting test execution
- D-** The priority of the development and execution of tests should not be based on the risk level but only on the likelihood

Answer:

A

Question 4

Question Type: MultipleChoice

You are working on a project to develop an authentication system for an e-commerce website. This system provides two features: Registration and authentication. Two different development teams develop these two features.

There is a high likelihood that the delivery of the authentication feature to the test team will be three weeks later. To complete the registration the user must provide the following registration inputs: Name, surname, birthdate, fiscal code and he/she can select a username and a password.

A registered user can be a special user or a normal user. To be identified as a special user, he/she must also provide, during the registration process, a voucher possibly received from the IT department.

Access is granted only if a user is registered and the password is correct: In all other cases access is denied. If the registered user is a special user and the password is wrong, a special warning is shown on the system console.

You are currently performing a quality risk analysis using FMEA.

Based only on the given information, which of the following is NOT a product risk that could be identified during the quality risk analysis?

Number of correct responses: 1

Options:

- A-** The late delivery of the authentication feature to the test team causes delays in the start of test execution and this could result in a shorter test period
- B-** The authentication system denies access for a special user with a wrong password, but doesn't display a special warning on the

system console

C- The authentication system grants access to a normal user with a wrong password

D- The authentication system grants access to a special user with a wrong password

Answer:

A

Question 5

Question Type: MultipleChoice

Which of the following statements represents the most effective contribution of the stakeholders to the completion of the failure mode analysis table?

Potential Failure Mode(s) - Quality Risk(s)	Priority	Severity	Detection	Detection Method(s)
Fails to connect to the PCMCIA card		3		Test; Debug
Fails to transfer the maps from the PCMCIA card		3		Test; Debug
Fails to load the transferred map		3		Test; Debug
Fails to switch from one map to another		2		Test;

Number of correct responses: 1

Options:

- A-** The aircraft pilot and the customer representative should contribute to assess the detection. The chief software engineer, the system architect and the expert tester should contribute to assess the priority.
- B-** The aircraft pilot and the customer representative should contribute to assess the priority. The chief software engineer, the system architect and the expert tester should contribute to assess the detection.
- C-** The system architect and the chief software engineer should contribute to assess the priority. The expert tester is the only one who should contribute to assess the detection.
- D-** The aircraft pilot is the only one qualified to contribute to assess the priority and thus should be assigned this task. The customer representative should contribute to assess the detection.

Answer:

B

Question 6

Question Type: MultipleChoice

You are performing a quality risk analysis for a CSCI (Computer Software Configuration Item) used to implement a CBIT (Continuous Built-In Test) module of a safety-critical system.

During the quality risk analysis you are trying to identify the ways in which failures of the CBIT module can occur, for each of them trying to determine the potential causes and likely effects, and the risk level (calculated as the product of three factors: severity, occurrence and detection).

Which of the following risk analysis techniques are you working with?

Number of correct responses: 1

Options:

- A- A lightweight product risk analysis technique
- B- Failure Mode and Effect Analysis
- C- Wide Band Delphi
- D- Cost of Exposure

Answer:

B

Question 7

Question Type: MultipleChoice

Assume you are managing the system testing phase of a project.

The system test execution period is scheduled to twenty weeks.

All tests are manual tests. You are following a risk-driven test approach.

During the last staff meeting the project manager tells you new deadlines that will not allow completion of all the system tests.

Which of the following would you expect to be the best way to respond to this situation?

Number of correct responses: 1

Options:

- A-** Prioritize executing the tests for the highest product risks and track these risks
- B-** Remove testers from your test team, so that they can be assigned to other projects
- C-** Automate all remaining tests
- D-** No action is needed, test as much as possible in the remaining time period

Answer:

A

Question 8

Question Type: MultipleChoice

Which of the following statements best describes an appropriate approach for managing exploratory testing?

Number of correct responses: 1

Options:

- A-** Define very detailed mission statements, which allow testing work to be broken into sessions of up to 10 minutes duration in which testing is guided by these mission statements
- B-** Break the testing work in 30 to 120 minutes sessions and use properly defined mission statements consisting of two or three sentences to guide testing during these sessions
- C-** Define very generic charters to drive exploratory testing sessions of 2 days where testers are completely free to decide what to test
- D-** Exploratory testing should not be managed because such testing is inherently unmanageable and not measurable

Answer:

B

Question 9

Question Type: MultipleChoice

Consider an agile team adopting Extreme Programming (XP) with five developers and one tester without any coding experience.

To which of the following activities would you expect the tester will contribute most?

Number of correct responses: 1

Options:

- A- Developing unit tests
- B- Executing unit tests
- C- Planning and executing tests during the integration test phase to detect interface defects
- D- Supporting the customer in the execution of acceptance testing

Answer:

D

Question 10

Question Type: MultipleChoice

Which of the following statements, about the test reporting activities for a project adopting an iterative lifecycle model with very short iterations (e.g. two weeks iterations), is correct?

Number of correct responses: 1

Options:

- A-** Test reporting activities can't be influenced by the use of an iterative lifecycle model with short iterations
- B-** Test reporting activities are not important for projects adopting an iterative lifecycle model with short iterations
- C-** Test reporting activities are less important for projects adopting an iterative life cycle model with short iterations. They should be performed at the end of the last iteration
- D-** Test reporting activities are still important with an iterative lifecycle. The reports can be used to conduct post-iteration review sessions before starting with the next iteration

Answer:

D

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