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GAQM CTFL

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QUESTION NO: 1

Which of the following statements is NOT correct?

A. Functional tests consider the external behavior of the software.

B. Functional tests may be performed at all test levels.

C. Non-functional tests may be performed at all test levels.

D. Non-functional tests test the interoperability with other systems.

ANSWER: A

QUESTION NO: 2

Which statement about use case testing is true?

A. The test cases are designed to find defects in the data flow

B. The test cases are designed to find defects in the process flow

C. The test cases are designed to be used by real users, not by professional testers

D. The test cases are always designed by customers or end users

ANSWER: B

QUESTION NO: 3

Which of the following is a project risk?

A. Interface complexity

B. Data integrity

C. Performance

D. Resource availability

ANSWER: D

QUESTION NO: 4

Which of the following lists contains only black-box test techniques?

A. Exploratory testing, State transition testing, Control flow testing

B. Decision table testing, Use case testing, Control flow testing

C. Decision table testing, Use case testing, State transition testing

D. Use case testing, Statement testing, State transition testing

ANSWER: A

QUESTION NO: 5

As the last stage of a test cycle of an embedded device, you are performing exploratory testing. You observed that some characters (A, X and Z) sent via a serial port to the device do not get registered on the device whereas they should be. You suspect that this could be due to a wrong configuration of the "bit parity" parameter.

Which of the following items of an incident report would you be UNABLE to write down based on this information?

A. Test setup details

B. Actual result

C. Expected result

D. Test case identifier

ANSWER: B

QUESTION NO: 6

In which of the following test documents would you expect to find test exit criteria described?

A. Test plan

B. Project plan

C. Test design specification

D. Requirements specification

ANSWER: C

QUESTION NO: 7

Which test design technique can be used for effectively testing system requirements consisting of logical conditions?

A. Boundary value analysis

B. Use case testing

C. Equivalence partitioning

D. Decision table testing

ANSWER: D

Explanation:

Reference: http://quiz-istqb.com/istqbsyllabus-4/test-design-techniques-k4/

QUESTION NO: 8

Which ONE of the following statements does NOT describe how testing contributes to higher quality?

A. Performing a review of the requirement specifications before implementing the system can enhance quality

B. The testing of software demonstrates the absence of defects

C. Properly designed tests that pass reduce the level of risk in a system

D. Software testing identifies defects, which can be used to improve development activities

ANSWER: B

QUESTION NO: 9

The following condition is given:

Integer x, y;

IF x > 0 AND x < 100 y=y+x;

END-IF

Using boundary analysis for x, which test cases are required?

A. -1, 0, 1, 99, 100, 101

B. -1, 0, 100, 101

C. -500, -10, 0, 1, 99, 100, 101, 500

D. 0, 1, 99, 100

ANSWER: A

QUESTION NO: 10

Which of the following is a characteristic of white-box techniques?

A. Models, either formal or informal, are used for the specification of the problem to be solved, the software or its components.

B. Test cases are derived from functional and non-functional requirements.

C. The knowledge of testers, developers, users and other stakeholders about the software, its usage and its environment is one source of information.

D. The extent of the code coverage can be measured for existing test cases, and further test cases can be derived systematically to increase coverage.

ANSWER: D

Explanation:

Reference: http://softwaretestingtimes.com/2010/04/test-design-techniques_29.html

QUESTION NO: 11

Which of the following statements are true?

A. Regression testing is a technique for system testing and acceptance testing only

B. Regression testing can be used in any level of testing, but must be done after white-box testing has been finished.

C. Regression testing is an alternative term for re-testing.

D. Regression testing is intended to find side-effects after changes have been applied to the system under test.

ANSWER: D

Explanation:

Reference: https://www.testingexcellence.com/retesting-and-regression-testing/

QUESTION NO: 12

Load testing tool checks for:

A. presence of bugs in user interface

B. the number of testers needs in order to achieve "dead line"

C. correct functional behavior of the system under test

D. time response and resource utilization

ANSWER: C

Explanation:

Reference: http://tryqa.com/what-is-load-testing-in-software/

QUESTION NO: 13

A system is being enhanced to simplify screen navigation for users.

Which of the following does NOT reflect structural testing?

A. To test all paths that users could take through the screen menu system

B. To ensure that 100% decision testing is achieved for each system component

C. To test all branches of component calls within the application call graph

D. To ensure that users can navigate to all fields on the screen

ANSWER: C

QUESTION NO: 14

Which of the following defect types are LEAST likely to be discovered when using static analysis tools?

A. Variables that are never used

B. Coding standard violations

C. Memory leaks

D. Uncalled functions and procedures

ANSWER: C

QUESTION NO: 15

You are working on a project that is doing a maintenance release of a large, high-risk banking system. Regression testing utilizes a set of 23525 test cases rerun against each test release. Which of the following is a benefit of test automation for this

project?

A. Ease of filling bug reports

B. Reduction of repetitive

C. Low cost of automating all the tests

D. Opportunity to learn a new skill

ANSWER: B