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**Certified Software Tester - Foundation Level
(CSTFL)**

GAQM CTFL

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QUESTION NO: 1

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: 2

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: 3

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: 4

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: 5

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: 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

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

QUESTION NO: 8

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: 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 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: 11

Which of the following is a project risk?

- A. Interface complexity
- B. Data integrity
- C. Performance
- D. Resource availability

ANSWER: D

QUESTION NO: 12

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: 13**

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: 14**

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: 15

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

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