

Below are some latest ISTQB certification exam questions with answers. Solve these questions and crosscheck with the answers provided at the end of this paper.

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Q. 1: When reporting faults found to developers, testers should be:

- A. As polite, constructive and helpful as possible
- B. Firm about insisting that a bug is not a "feature" if it should be fixed
- C. Diplomatic, sensitive to the way they may react to criticism
- D. All of the above

Q. 2: Which of the following statements is not true

- A. Performance testing can be done during unit testing as well as during the testing of whole system
- B. The acceptance test does not necessarily include a regression test
- C. Verification activities should not involve testers (reviews, inspections etc)
- D. Test environments should be as similar to production environments as possible

Q. 3: What is the important criterion in deciding what testing technique to use?

- A. How well you know a particular technique
- B. The objective of the test
- C. How appropriate the technique is for testing the application
- D. Whether there is a tool to support the technique

Q. 4: When should you stop testing?

- A. When time for testing has run out.
- B. When all planned tests have been run
- C. When the test completion criteria have been met
- D. When no faults have been found by the tests run

Q. 5: Coverage measurement

- A. Is nothing to do with testing
- B. Is a partial measure of test thoroughness
- C. Branch coverage should be mandatory for all software
- D. Can only be applied at unit or module testing, not at system testing

Q. 6: Which of the following is NOT a type of non-functional test?

- A. State-Transition
- B. Usability
- C. Performance
- D. Security

Q. 7: Which of the following is the component test standard?

- A. IEEE 829
- B. IEEE 610
- C. BS7925-1
- D. BS7925-2

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Q. 8: A program validates a numeric field as follows:

Values less than 10 are rejected, values between 10 and 21 are accepted, values greater than or equal to 22 are rejected. Which of the following input values cover all of the equivalence partitions?

- A. 10,11,21
- B. 3,20,21
- C. 3,10,22
- D. 10,21,22

Q. 9: Which is not true-The black box tester

- A. Should be able to understand a functional specification or requirements document
- B. Should be able to understand the source code.
- C. Is highly motivated to find faults
- D. Is creative to find the system's weaknesses

Q. 10: Which of the following is a static test?

- A. Code inspection
- B. Coverage analysis
- C. Usability assessment
- D. Installation test

Q. 11: A program with high cyclometric complexity is almost likely to be:

- A. Large
- B. Small
- C. Difficult to write
- D. Difficult to test

Q. 12: Which of the following is the odd one out?

- A. White box
- B. Glass box
- C. Structural
- D. Functional

Q. 13: Which of the following techniques are black box techniques?

- A. State transition testing, code testing, agile testing
- B. Equivalence partitioning, state transition testing, decision table testing
- C. System testing, acceptance testing, equivalence partitioning
- D. System integration testing, system testing, decision table testing

Q. 14: A number of critical bugs are fixed in software. All the bugs are in one module, related to reports. The test manager decides to do regression testing only on the reports module.

- A. The test manager should do only automated regression testing.
- B. The test manager is justified in her decision because no bug has been fixed in other modules
- C. The test manager should only do confirmation testing. There is no need to do regression testing
- D. Regression testing should be done on other modules as well because fixing one module may affect other modules

Q. 15: Which testing technique do you prefer for the following situations?

- 1. Severe time pressure
- 2. Inadequate specification
- A. Decision testing

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- B. Error guessing
- C. Statement testing
- D. Exploratory testing

Q. 16: Recovery testing is a system test that forces the software to fail and verifies that data recovery is properly performed. The following should be checked for correctness

- 1. Re-initialization
  - 2. Restart
  - 3. Data Recovery
  - 4. Check Point Mechanism
- A. 1 and 2
  - B. 1, 2 and 3
  - C. 1, 2, 3 and 4
  - D. 2 and 4

Q. 17: Data flow analysis studies:

- A. Possible communications bottlenecks in a program.
- B. The rate of change of data values as a program executes.
- C. The use of data on paths through the code.
- D. The intrinsic complexity of the code.

Q. 18: Which of the following is NOT a white box technique?

- A. Statement testing
- B. Path testing
- C. Data flow testing
- D. State transition testing

Q. 19: Which one of the following describes the major benefit of verification early in the life cycle?

- A. It allows the identification of changes in user requirements.
- B. It facilitates timely set up of the test environment.
- C. It reduces defect multiplication.
- D. It allows testers to become involved early in the project.

Q. 20: Which of the following is false?

- A. In a system two different failures may have different severities.
- B. A system is necessarily more reliable after debugging for the removal of a fault.
- C. A fault need not affect the reliability of a system.
- D. Undetected errors may lead to faults and eventually to incorrect behavior.

## Answers:

- Q.1 D
- Q.2 C
- Q.3 B
- Q.4 C
- Q.5 B

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Q.6 A  
Q.7 D  
Q.8 C  
Q.9 B  
Q.10 A  
Q.11 D  
Q.12 D  
Q.13 B  
Q.14 D  
Q.15 D  
Q.16 C  
Q.17 C  
Q.18 D  
Q.19 C  
Q.20 B

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