

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: Testing should be stopped when:**

- A. All the planned tests have been run
- B. Time has run out
- C. All faults have been fixed correctly
- D. Both A. and C.
- E. It depends on the risks for the system being tested

**Q. 2: Which of the following is the main purpose of the integration strategy for integration testing in the small?**

- A. To ensure that all of the small modules are tested adequately
- B. To ensure that the system interfaces to other systems and networks
- C. To specify which modules to combine when and how many at once
- D. To ensure that the integration testing can be performed by a small team
- E. To specify how the software should be divided into modules

**Q. 3: Which of the following is NOT part of configuration management:**

- A. Status accounting of configuration items
- B. Auditing conformance to ISO9001
- C. Identification of test versions
- D. Record of changes to documentation over time
- E. controlled library access

**Q. 4: Regression testing should be performed:**

- v) Every week
- w) After the software has changed
- x) As often as possible
- y) When the environment has changed
- z) When the project manager says
- A. v & w are true, x - z are false
- B. w, x & y are true, v & z are false
- C. w & y are true, v, x & z are false
- D. w is true, v, x y and z are false
- E. All of the above are true

**Q. 5: A tool that supports traceability, recording of incidents or scheduling of tests is called:**

- A. A dynamic analysis tool
- B. A test execution tool
- C. A debugging tool
- D. A test management tool
- E. A configuration management tool

**Q. 6: The cost of fixing a fault:**

- A. Is not important

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- B. Increases as we move the product towards live use
- C. Decreases as we move the product towards live use
- D. Is more expensive if found in requirements than functional design
- E. Can never be determined

**Q. 7: Order numbers on a stock control system can range between 10000 and 99999 inclusive. Which of the following inputs might be a result of designing tests for only valid equivalence classes and valid boundaries:**

- A. 1000, 5000, 99999
- B. 9999, 50000, 100000
- C. 10000, 50000, 99999
- D. 10000, 99999
- E. 9999, 10000, 50000, 99999, 10000

**Q. 8: When what is visible to end-users is a deviation from the specific or expected behavior, this is called:**

- A. An error
- B. A fault
- C. A failure
- D. A defect
- E. A mistake

**Q. 9: Which expression best matches the following characteristics or review processes:**

- 1. Led by author
- 2. Undocumented
- 3. No management participation
- 4. Led by a trained moderator or leader
- 5. Uses entry exit criteria
- s) Inspection
- t) Peer review
- u) Informal review
- v) Walkthrough
- A. s = 4, t = 3, u = 2 and 5, v = 1
- B. s = 4 and 5, t = 3, u = 2, v = 1
- C. s = 1 and 5, t = 3, u = 2, v = 4
- D. s = 5, t = 4, u = 3, v = 1 and 2
- E. s = 4 and 5, t = 1, u = 2, v = 3

**Q. 10: Given the following:**

Switch PC on  
Start "outlook"  
IF outlook appears THEN  
Send an email  
Close outlook

- A. 1 test for statement coverage, 1 for branch coverage
- B. 1 test for statement coverage, 2 for branch coverage
- C. 1 test for statement coverage. 3 for branch coverage
- D. 2 tests for statement coverage, 2 for branch coverage
- E. 2 tests for statement coverage, 3 for branch coverage

**Q. 11: Test managers should not:**

- A. Report on deviations from the project plan
- B. Sign the system off for release
- C. Re-allocate resource to meet original plans

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- D. Rise incidents on faults that they have found
- E. Provide information for risk analysis and quality improvement

**Q. 12: Which of the following is NOT part of system testing:**

- A. Business process-based testing
- B. Performance, load and stress testing
- C. Requirements-based testing
- D. Usability testing
- E. Top-down integration testing

**Q. 13: When a new testing tool is purchased, it should be used first by:**

- A. A small team to establish the best way to use the tool
- B. Everyone who may eventually have some use for the tool
- C. The independent testing team
- D. The managers to see what projects it should be used in
- E. The vendor contractor to write the initial scripts

**Q. 14: Which of the following is not part of performance testing:**

- A. Measuring response time
- B. Measuring transaction rates
- C. Recovery testing
- D. Simulating many users
- E. Generating many transactions

**Q. 15: What is the purpose of test completion criteria in a test plan:**

- A. To know when a specific test has finished its execution
- B. To ensure that the test case specification is complete
- C. To set the criteria used in generating test inputs
- D. To know when test planning is complete
- E. To plan when to stop testing

**Q. 16: Given the following code, which is true:**

```
IF A > B THEN  
  C = A - B  
ELSE  
  C = A + B  
ENDIF  
Read D  
IF C = D Then  
  Print "Error"  
ENDIF
```

- A. 1 test for statement coverage, 3 for branch coverage
- B. 2 tests for statement coverage, 2 for branch coverage
- C. 2 tests for statement coverage. 3 for branch coverage
- D. 3 tests for statement coverage, 3 for branch coverage
- E. 3 tests for statement coverage, 2 for branch coverage

**Q. 17: Unreachable code would best be found using:**

- A. Code reviews
- B. Code inspections
- C. A coverage tool
- D. A test management tool
- E. A static analysis tool

**Q. 18: What information need not be included in a test incident report:**

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- A. How to fix the fault
- B. How to reproduce the fault
- C. Test environment details
- D. Severity, priority
- E. The actual and expected outcomes

**Q. 19: Which of the following is NOT included in the Test Plan document of the Test Documentation Standard:**

- A. Test items (i.e. software versions)
- B. What is not to be tested
- C. Test environments
- D. Quality plans
- E. Schedules and deadlines

**Q. 20: IEEE 829 test plan documentation standard contains all of the following except:**

- A. Test items
- B. Test deliverables
- C. Test tasks
- D. Test environment
- E. Test specification

**Q. 21: Functional testing is mostly**

- A. Validation techniques
- B. Verification techniques
- C. Both of the above
- D. None of the above

**Q. 22: Branch Coverage**

- A. Another name for decision coverage
- B. Another name for all-edges coverage
- C. Another name for basic path coverage
- D. All the above

**Q. 23: The \_\_\_\_\_ Is the activity where general testing objectives are transformed into tangible test conditions and test designs**

- A. Testing Planning
- B. Test Control
- C. Test analysis and design
- D. Test implementation

**Q. 24: Integration testing where no incremental testing takes place prior to all the system's components being combined to form the system.**

- A. System testing
- B. Component Testing
- C. Incremental Testing
- D. Big bang testing

**Q. 25: A test case design technique for a component in which test cases are designed to execute statements is called as?**

- A. State transition Testing
- B. Static Testing
- C. Transition testing
- D. Statement testing

**Q. 26: Who should have technical and Business background.**

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- A. Moderator
- B. Author
- C. Reviewer
- D. Recorder

**Q. 27: A test plan defines**

- A. What is selected for testing
- B. Objectives and results
- C. Expected results
- D. Targets and misses

**Q. 28: Component integration testing can be done**

- A. Before Integration testing
- B. After unit testing
- C. After component testing
- D. After system testing

**Q. 29: Test basis documentation is analyzed in which phase of testing**

- A. Test Analysis
- B. Test Design
- C. Test Execution
- D. Test Planning

**Q. 30: Which one is not the task of test leader?**

- A. Coordinate the test strategy and plan with project managers and others
- B. Decide about the implementation of the test environment
- C. Write test summary reports
- D. Review and contribute to test plans

**Q. 31: if (condition1 && (condition2 function1()))  
statement1;**

**else**

**statement2;**

- A. Decision coverage
- B. Condition coverage
- C. Statement coverage
- D. Path Coverage

**Q. 32: \_\_\_\_\_ reviews are often held with just the programmer who wrote the code and one or two other programmers or testers.**

- A. Formal Reviews
- B. Peer Reviews
- C. Semi Formal Reviews
- D. All of the above

**Q. 33: In \_\_\_\_\_ testing test cases i.e input to the software are created based on the specifications languages**

- A. State Transition Testing
- B. Random Testing
- C. Syntax Testing
- D. Penetration testing

**Q. 34: White Box Testing**

- A. Same as glass box testing
- B. Same as clear box testing

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- C. Both A. and B.
- D. None of the above.

**Q. 35: Verification activities during design stages are**

- A. Reviewing and Inspecting
- B. Inspecting and Testing
- C. Reviewing and Testing
- D. Reviewing, Inspecting and Testing.

**Q. 36: Equivalence partitioning consists of various activities:**

- A. Ensure that test cases test each input and output equivalence class at least once
- B. Identify all inputs and all outputs
- C. Identify equivalence classes for each input
- D. All of the above

**Q. 37: Static Analysis**

- A. Same as static testing
- B. Done by the developers
- C. Both A. and B
- D. None of the above

**Q. 38: Size of a project is defined in terms of all the following except**

- A. Person days
- B. Person hours
- C. Calendar months
- D. None of the above

**Q. 39: Testing responsibilities:**

Tester 1 - Verify that the program is able to display images clearly on all 10 of the monitors in the lab

Tester 2 - Make sure the program instructions are easy to use Security concerns are important for which type of applications

Tester 3 - Verify that the calculation module works correctly by using both scripts and ad hoc testing. Which term is used to refer to the testing that is performed by Tester 3 in the above scenario?

- A. Unit testing
- B. Algorithm specific testing
- C. Compatibility testing
- D. Black box testing

**Q. 40: Objective of review meeting is**

- A. To identify problems with design
- B. To solve the problems with design
- C. Both A. and B
- D. None of the above.

**Q. 41: Which is not the fundamental test process**

- A. Planning and control
- B. Test closure activities
- C. Analysis and design
- D. None

**Q. 42: The \_\_\_\_\_ and \_\_\_\_\_ are used within individual workbenches to produce the right output products.**

- A. Tools and techniques

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- B. Procedures and standards
- C. Processes and walkthroughs
- D. Reviews and update

**Q. 43: Which is not the software characteristics**

- A. Reliability
- B. Usability
- C. Scalability
- D. Maintainability

**Q. 44: The principle of Cyclomatic complexity, considering L as edges or links, N as nodes, P as independent paths**

- A.  $L - N + 2P$
- B.  $N - L + 2P$
- C.  $N - L + P$
- D.  $N - L + P$

**Q. 45: FPA is used to**

- A. To measure the functional requirements of the project
- B. To measure the size of the functionality of an Information system
- C. To measure the functional testing effort
- D. To measure the functional flow

**Q. 46: A \_\_\_\_\_ is the step-by-step method followed to ensure that standards are met**

- A. SDLC
- B. Project Plan
- C. Policy
- D. Procedure

**Q. 47: Which is not a test Oracle**

- A. The existing system (For a bench mark)
- B. The code
- C. Individual's knowledge
- D. User manual

**Q. 48: PDCA is known as**

- A. Plan, Do, Check, Act
- B. Plan, Do, Correct, Act
- C. Plan, Debug, Check, Act
- D. Plan, Do, Check, Accept

**Q. 49: Which is the non-functional testing**

- A. Performance testing
- B. Unit testing
- C. Regression testing
- D. Sanity testing

**Q. 50: A Test Plan Outline contains which of the following:**

- i. Test Items
- ii. Test Scripts
- iii. Test Deliverables
- iv. Responsibilities
- A. i,ii,iii are true and iv is false
- B. i,iii,iv are true and ii is false
- C. ii,iii are true and i and iv are false

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D. i,ii are false and iii , iv are true

### Answers:

- Q. 1 E
- Q. 2 C
- Q. 3 B
- Q. 4 C
- Q. 5 E
- Q. 6 B
- Q. 7 C
- Q. 8 C
- Q. 9 B
- Q. 10 B
- Q. 11 C
- Q. 12 E
- Q. 13 A
- Q. 14 C
- Q. 15 E
- Q. 16 B
- Q. 17 A
- Q. 18 A
- Q. 19 D
- Q. 20 E
- Q. 21 A
- Q. 22 A
- Q. 23 C
- Q. 24 D
- Q. 25 D
- Q. 26 C
- Q. 27 B
- Q. 28 C
- Q. 29 A
- Q. 30 D
- Q. 31 B
- Q. 32 B
- Q. 33 C
- Q. 34 A
- Q. 35 A
- Q. 36 A
- Q. 37 C
- Q. 38 C
- Q. 39 D
- Q. 40 C
- Q. 41 D
- Q. 42 B
- Q. 43 C

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Q. 44 A  
Q. 45 B  
Q. 46 D  
Q. 47 B  
Q. 48 A  
Q. 49 A  
Q. 40 B

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