

ISTQB Foundation Level Certification Exam – Questions and Answers

Question 1 of 40:

It is an unfair test to perform stress testing at the same time you perform load testing.

A: True

B: False

Question 2 of 40:

Testing error message fall under _____ category of testing

A: Increment Testing

B: Thread Testing

C: Documentation Testing

D: Stress Testing

Question 3 of 40:

The term “defect” is related to the term “fault” because a fault is a defect, which has not yet been identified.

A: True

B: False

Question 4 of 40:

What qualities must an individual posses to test effectively a software application?

A: Good Communication Skill

B: Good Error Guessing

C: Good Analytical Skill

D: All of the above

Question 5 of 40:

Defects are least costly at what stage of Development cycle?

A: Analysis and Design

B: Construction

C: Requirements

D: Implementation

Question 6 of 40:

QC (Quality Control) is ?

A: Phase building activity

B: Intermediate activity

C: End of Phase activity

D: Design activity

Question 7 of 40:

_____ is monitoring defects from the time of recording until the satisfactory resolution has been determined.

A: Quality Measurement

B: Defect Measurement

C: Defect Tracking

D: None of the above

Question 8 of 40:

Most common cause of defects is?

A: Failure to estimate

B: Failure to assess risks

C: Ambiguous or incomplete requirements

D: Weak communication

Question 9 of 40:

Verification activities during design stages are?

A: Reviewing and Inspecting

B: Inspecting and Testing

C: Reviewing and Testing

D: Reviewing, Inspecting, and Testing

Question 10 of 40:

The decision to stop testing should be based upon?

A: Successful use of specific test case design methodologies

B: A percent of coverage for each coverage category

C: Rate of error detection falls below a specified threshold

D: All of the above

Question 11 of 40:

Testing, which is carried out using no recognized test case design

A: Failure Testing

B: Ad-hoc Testing

C: Exhaustive Testing

D: Empty Test Case Testing

Question 12 of 40:

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

Question 13 of 40:

This testing is a mechanism that simulates problems in the original environments so that an alternative processing environment can be tested.

A: Disaster Testing

B: Functional Testing

C: Regression Testing

D: Compliance Testing

Question 14 of 40:

Status Reports in Test Director can be generated using:

A: Document Viewer

B: Document Generator

C: Document Tracker

D: None of the above

Question 15 of 40:

The following five tasks are needed to develop, use and maintain Test scripts:

1: Unit scripting

2: Pseudo concurrency scripting

3: Integration scripting

4: Regression scripting

5: Stress/Performance scripting

A: 1,2 and 3

B: 2 and 4

C: 1,2 and 5

D: 1,2,3,4 and 5

Question 16 of 40:

Testing where the system is subjected to a large number of data.

A: System Testing

B: Volume Testing

C: Statistical Testing

D: Statement Testing

Question 17 of 40:

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

Question 18 of 40:

Recovery testing aims at verifying the system's ability to recover from varying degrees of failure.

A: True

B: False

Question 19 of 40:

Which testing methods are used by end-users who actually test software before they use it?

A: Alpha and Beta Testing

B: White Box Testing

C: Black Box Testing

D: Trial and Error Testing

Question 20 of 40:

The testing attempts to violate those procedures, which should test the adequacy of the security procedures

A: Disaster Testing

B: Functional Testing

C: Regression Testing

D: Compliance Testing

Question 21 of 40:

Which of the following is NOT a standard related to testing?

A: IEEE829

B: IEEE610

C: BS7925-1

D: BS7925-2

Question 22 of 40:

Which of the following is the component test standard?

A: IEEE829

B: IEEE610

C: BS7925-1

D: BS7925-2

Question 23 of 40:

Which of the following statements are true?

A: Faults in program specifications are the most expensive to fix.

B: Faults in the code are the most expensive to fix.

C: Faults in the requirements are the most expensive to fix.

D: Faults in the designs are the most expensive to fix.

Question 24 of 40:

Which of the following is not the integration strategy?

A: Design based

B: Big-bang

C: Bottom-up

D: Top-down

Question 25 of 40:

Which of the following is a black box design technique?

A: statement testing

B: equivalence partitioning

C: error-guessing

D: usability testing

Question 26 of 40:

A program with high cyclomatic complexity is almost likely to be:

A: Large

B: Small

C: Difficult to write

D: Difficult to test

Question 27 of 40:

Which of the following is a static test?

A: code inspection

B: coverage analysis

C: usability assessment

D: installation test

Question 28 of 40:

Which of the following is the odd one out?

A: white box

B: glass box

C: structural

D: functional

Question 29 of 40:

A program validates a numeric field as follows:

Value 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 the equivalence partitions?

A: 10,11,21

B: 3,20,21

C: 3,10,22

D: 10,21,22

Question 30 of 40:

Using the same specifications as questions 29, which of the following covers the MOST boundary values?

A: 9,10,11,22

B: 9,10,21,22

C: 10,11,21,22

D: 10,11,20,21

Question 31 of 40:

Which of the following is NOT a reasonable test objective:

A: to find faults in the software

B: to prove that the software has no faults

C: to give confidence in the software

D: to find performance problems

Question 32 of 40:

Which expression best matches the following characteristics of the review processes:

- 1. led by the author
- 2. undocumented
- 3. no management participation
- 4. led by a moderator or leader
- 5. uses entry and exit criteria
- s. inspection
- t. peer review
- u. informal review
- v. walk-through

A: s=4 and 5, t=3, u=2, v=1

B: s=4, t=3, u=2 and 5, v=1

C: s=1 and 5, t=3, u=2, v=4

D: s=4 and 5, t=1, u=2, v=3

Question 33 of 40:

Which of the following is NOT of the System Testing?

- A: business process-based testing
- B: performance, load and stress testing
- C: usability testing

D: top-down integration testing

Question 34 of 40:

Which statement about the expected outcomes is False?

A: expected outcomes are defined by the software's behavior

- B: expected outcomes are derived from a specification, not from the code
- C: expected outcomes should be predicted before a test is run
- D: expected outcomes may include timing constraints such as response times

Question 35 of 40:

The standard that gives definitions of testing terms is:

A: ISO/IEC 12207

B: BS 7925-1

C: ANSI/IEEE 829

D: ANSI/IEEE 729

Question 36 of 40:

The cost of fixing a fault:

A: is not important

B: increases the later a fault is found

C: decreases the later a fault is found

D: can never be determined

Question 37 of 40:

Which of the following is not included in the Test Plan document of the Test Documentation Standard?

- A: what is not to be tested
- B: test environment properties

C: quality plans

D: schedules and deadlines

Question 38 of 40:

Code reviews or inspections be considered part of testing?

A: no, because they apply to development documentation

B: no because they are normally applied before testing

C: yes, because both help detect faults and improve quality

D: yes, because testing includes all non-constructive activities

Question 39 of 40:

Which of the following is not part of performance testing?

A: measuring response times

B: recovery testing

C: simulating many users

D: generating many transactions

Question 40 of 40:

Error guessing is best used:

A: After more formal techniques have been applied

B: as the first approach to deriving test cases

C: by inexperienced testers

D: after the system has gone live