

Question 1: What is the primary goal of software testing? a) To find all bugs in the software b) To make the software perfect c) To prove that the software is free of defects d) To improve the quality of the software **Answer:** d) To improve the quality of the software

Question 2: Which of the following is NOT a fundamental testing principle? a) Exhaustive testing is possible b) Early testing c) Defect clustering d) Testing shows presence of defects **Answer:** a) Exhaustive testing is possible

Question 3: Which testing level focuses on testing individual components or units of software? a) Integration testing b) System testing c) Unit testing d) Acceptance testing **Answer:** c) Unit testing

Question 4: What is the purpose of regression testing? a) To test a new feature b) To test the entire software after every change c) To ensure the software is defect-free d) To identify new defects introduced by code changes **Answer:** d) To identify new defects introduced by code changes

Question 5: Which testing technique involves the use of predefined inputs to uncover defects? a) Random testing b) Ad-hoc testing c) Exploratory testing d) Black-box testing **Answer:** d) Black-box testing

Question 6: What does the "V-model" represent in software testing? a) A waterfall development approach b) A testing approach that emphasizes variety c) A validation-based testing approach d) A parallel testing methodology **Answer:** a) A waterfall development approach

Question 7: What is the purpose of a test plan? a) To define the test cases to be executed b) To provide an overview of the testing approach, scope, resources, and schedule c) To identify defects in the software d) To create test scripts **Answer:** b) To provide an overview of the testing approach, scope, resources, and schedule

Question 8: What type of testing focuses on assessing the software's readiness for release? a) Unit testing b) Integration testing c) System testing d) Acceptance testing **Answer:** d) Acceptance testing

Question 9: Which testing technique involves executing tests based on a formal specification of the software's behavior? a) Exploratory testing b) White-box testing c) Equivalence partitioning d) Specification-based testing **Answer:** d) Specification-based testing

Question 10: Which testing phase is often referred to as "Beta Testing"? a) System testing b) Unit testing c) Acceptance testing d) Integration testing **Answer:** c) Acceptance testing

Question 11: Which type of testing is primarily concerned with assessing the software's performance under specific load conditions? a) Stress testing b) Unit testing c) Alpha testing d) Regression testing **Answer:** a) Stress testing

Question 12: Which testing technique involves testing the software by simulating real-world scenarios and user interactions? a) White-box testing b) Black-box testing c) Exploratory testing d) Usability testing **Answer:** d) Usability testing

Question 13: What is the purpose of a test case? a) To track defects in the software b) To document the source code c) To outline the user interface design d) To specify the conditions and steps for testing **Answer:** d) To specify the conditions and steps for testing

Question 14: Which testing level focuses on testing the interaction between different integrated components or modules? a) Unit testing b) System testing c) Regression testing d) Alpha testing **Answer:** b) System testing

Question 15: What is the primary goal of security testing? a) To identify performance bottlenecks b) To ensure the software meets user requirements c) To identify vulnerabilities and weaknesses in the software d) To improve the user interface design **Answer:** c) To identify vulnerabilities and weaknesses in the software

Question 16: Which testing technique involves modifying the source code to create controlled defects and verify the effectiveness of the testing process? a) Mutation testing b) Exploratory testing c) Usability testing d) Alpha testing **Answer:** a) Mutation testing

Question 17: What is the purpose of a defect report or bug report? a) To describe the software's features b) To document the test cases c) To communicate information about identified defects in the software d) To outline the user manual **Answer:** c) To communicate information about identified defects in the software

Question 18: Which type of testing is performed to ensure that the software can recover from unexpected failures or crashes? a) Recovery testing b) Load testing c) Alpha testing d) Ad-hoc testing **Answer:** a) Recovery testing

Question 19: What is the main focus of exploratory testing? a) Executing predefined test cases b) Following scripted test scenarios c) Understanding the software's functionality through ad-hoc testing d) Identifying defects in the software **Answer:** c) Understanding the software's functionality through ad-hoc testing

Question 20: Which testing technique involves examining the software's internal logic, code structure, and paths through the code? a) Black-box testing b) Regression testing c) White-box testing d) Smoke testing **Answer:** c) White-box testing

Question 21: Which testing phase focuses on validating that the software meets the specified requirements? a) Integration testing b) Acceptance testing c) Regression testing d) System testing **Answer:** b) Acceptance testing

Question 22: What is the purpose of boundary value analysis in testing? a) To identify performance bottlenecks b) To test the software's user interface c) To test inputs at the lower and

upper boundaries of valid ranges d) To simulate real-world scenarios **Answer:** c) To test inputs at the lower and upper boundaries of valid ranges

Question 23: Which type of testing involves verifying the software's compatibility with different devices, browsers, and operating systems? a) Compatibility testing b) Integration testing c) Regression testing d) Stress testing **Answer:** a) Compatibility testing

Question 24: In which testing phase are defects typically cheapest to fix? a) Unit testing b) System testing c) Acceptance testing d) Regression testing **Answer:** a) Unit testing

Question 25: What does the acronym "ISTQB" stand for in the context of software testing? a) International System Testing and Quality Board b) International Software Testing Qualifications Board c) Institute of Software Testing and Quality Assurance d) Information Systems Testing and Quality Bureau **Answer:** b) International Software Testing Qualifications Board

Question 26: What is the primary objective of smoke testing? a) To exhaustively test all possible scenarios b) To test the software's robustness c) To verify that the critical functionality of the software is working d) To simulate high-stress conditions **Answer:** c) To verify that the critical functionality of the software is working

Question 27: Which testing technique focuses on assessing how well the software recovers from crashes and failures? a) Reliability testing b) Usability testing c) Load testing d) Stress testing **Answer:** a) Reliability testing

Question 28: Which type of testing technique involves testing a single function or feature with different input values? a) Stress testing b) Functional testing c) Black-box testing d) White-box testing **Answer:** b) Functional testing

Question 29: Which testing phase is also known as "Alpha Testing"? a) System testing b) Unit testing c) Acceptance testing d) Regression testing **Answer:** c) Acceptance testing

Question 30: What is the primary purpose of a test harness? a) To automate the testing process b) To document test cases c) To execute test scripts d) To define software requirements **Answer:** a) To automate the testing process

Question 31: Which type of testing is focused on ensuring that the software works properly across different language and locale settings? a) Localization testing b) Regression testing c) Stress testing d) Usability testing **Answer:** a) Localization testing

Question 32: Which type of testing is performed to determine if the software can handle a large number of concurrent users? a) Load testing b) Alpha testing c) Integration testing d) Usability testing **Answer:** a) Load testing

Question 33: What is the main goal of non-functional testing? a) To validate specific functionalities of the software b) To ensure the software is free of defects c) To assess the

software's performance, security, and other quality attributes d) To verify the correctness of the code **Answer:** c) To assess the software's performance, security, and other quality attributes

Question 34: Which type of testing involves executing a set of test cases repeatedly to ensure that previously identified defects have been fixed? a) Smoke testing b) Regression testing c) System testing d) Alpha testing **Answer:** b) Regression testing

Question 35: What is the term for testing a new version of software by comparing its output with the output of the previous version? a) Alpha testing b) Beta testing c) Comparative testing d) Usability testing **Answer:** c) Comparative testing

Question 36: In which testing phase is the "Test Environment" set up? a) Unit testing b) Acceptance testing c) System testing d) Regression testing **Answer:** c) System testing

Question 37: Which technique involves dividing a range of input values into classes and selecting test cases from each class? a) Boundary value analysis b) Equivalence partitioning c) Mutation testing d) Path testing **Answer:** b) Equivalence partitioning

Question 38: Which type of testing focuses on verifying that the software functions correctly after it has been installed or upgraded? a) Regression testing b) Installation testing c) Acceptance testing d) Usability testing **Answer:** b) Installation testing

Question 39: What is the primary goal of acceptance testing? a) To assess the software's performance under load conditions b) To verify the software meets its specified requirements and is ready for deployment c) To identify defects introduced by code changes d) To evaluate the software's user interface design **Answer:** b) To verify the software meets its specified requirements and is ready for deployment

Question 40: Which type of testing focuses on assessing the software's ability to recover from various failure scenarios? a) Recovery testing b) Stress testing c) Regression testing d) Alpha testing **Answer:** a) Recovery testing

Question 41: Which testing phase involves executing test cases that were previously run to ensure that the reported defects have been fixed? a) Alpha testing b) Regression testing c) Integration testing d) Stress testing **Answer:** b) Regression testing

Question 42: What is the primary purpose of a test execution report? a) To track project progress b) To document defects c) To summarize the results of test execution d) To outline user requirements **Answer:** c) To summarize the results of test execution

Question 43: Which type of testing focuses on assessing the software's behavior under abnormal or unexpected conditions? a) Usability testing b) Functional testing c) Negative testing d) Alpha testing **Answer:** c) Negative testing

Question 44: Which testing technique is also known as "Monkey Testing"? a) Exploratory testing b) Usability testing c) Random testing d) Load testing **Answer:** c) Random testing

Question 45: What is the primary objective of usability testing? a) To assess the software's performance under load conditions b) To identify security vulnerabilities c) To evaluate the software's user-friendliness and ease of use d) To validate the software's functionalities **Answer:** c) To evaluate the software's user-friendliness and ease of use

Question 46: Which type of testing is concerned with verifying the software's response to inputs that occur within a short period of time? a) Stress testing b) Performance testing c) Load testing d) Spike testing **Answer:** d) Spike testing

Question 47: Which testing technique involves evaluating the software's ability to operate in low-resource environments? a) Load testing b) Stress testing c) Endurance testing d) Compatibility testing **Answer:** c) Endurance testing

Question 48: Which type of testing aims to verify that the software operates correctly after it has been upgraded or migrated? a) Regression testing b) Maintenance testing c) Installation testing d) Compatibility testing **Answer:** b) Maintenance testing

Question 49: Which testing technique involves analyzing the code's execution paths to ensure that all code branches are tested? a) Functional testing b) Path testing c) Black-box testing d) Usability testing **Answer:** b) Path testing

Question 50: Which type of testing focuses on assessing the software's performance under varying workloads and usage patterns? a) Functional testing b) Alpha testing c) Load testing d) Smoke testing **Answer:** c) Load testing

Question 51: What does the term "defect severity" refer to in software testing? a) The total number of defects in the software b) The impact of a defect on the software's functionality c) The likelihood of a defect occurring d) The time required to fix a defect **Answer:** b) The impact of a defect on the software's functionality

Question 52: Which type of testing focuses on assessing the software's ability to recover from hardware failures or crashes? a) Reliability testing b) Recovery testing c) Stress testing d) Usability testing **Answer:** b) Recovery testing

Question 53: What is the primary goal of ad-hoc testing? a) To follow a predefined set of test cases b) To simulate real-world usage scenarios c) To identify defects through unstructured testing d) To automate the testing process **Answer:** c) To identify defects through unstructured testing

Question 54: What is the purpose of a "test data" in software testing? a) To document test cases b) To outline the software requirements c) To specify the conditions for testing d) To provide input values for test cases **Answer:** d) To provide input values for test cases

Question 55: Which type of testing focuses on verifying that the software functions correctly across different platforms and configurations? a) System testing b) Compatibility testing c) Regression testing d) Alpha testing **Answer:** b) Compatibility testing

Question 56: What is the primary purpose of a "traceability matrix" in software testing? a) To track project progress b) To document defects c) To map test cases to requirements d) To create test scripts **Answer:** c) To map test cases to requirements

Question 57: Which testing technique involves executing a series of tests that gradually increase the load on the software? a) Stress testing b) Load testing c) Usability testing d) Performance testing **Answer:** b) Load testing

Question 58: Which type of testing involves verifying that the software's user interface meets design specifications? a) Integration testing b) Regression testing c) Alpha testing d) User acceptance testing **Answer:** d) User acceptance testing

Question 59: What is the primary goal of performance testing? a) To assess the software's functionality b) To identify defects in the software c) To evaluate the software's user interface design d) To assess the software's responsiveness, scalability, and speed **Answer:** d) To assess the software's responsiveness, scalability, and speed

Question 60: In which testing phase is the "Test Summary Report" typically prepared? a) Unit testing b) System testing c) Acceptance testing d) Regression testing **Answer:** b) System testing

Question 61: What is the primary goal of security testing? a) To assess the software's performance under load conditions b) To identify defects in the software c) To evaluate the software's user interface design d) To identify vulnerabilities and weaknesses in the software **Answer:** d) To identify vulnerabilities and weaknesses in the software

Question 62: Which type of testing focuses on assessing the software's behavior under prolonged usage? a) Load testing b) Endurance testing c) Stress testing d) Usability testing **Answer:** b) Endurance testing

Question 63: What is the primary purpose of a "test script" in automated testing? a) To track defects in the software b) To document the testing process c) To execute test cases automatically d) To define project requirements **Answer:** c) To execute test cases automatically

Question 64: Which testing phase involves evaluating the software's compatibility with external systems or applications? a) Regression testing b) Integration testing c) Usability testing d) Alpha testing **Answer:** b) Integration testing

Question 65: What is the primary goal of alpha testing? a) To assess the software's performance under load conditions b) To identify defects in the software c) To evaluate the software's user interface design d) To validate the software against user requirements **Answer:** b) To identify defects in the software

Question 66: Which testing technique involves executing tests based on knowledge about the software's internals and code structure? a) Black-box testing b) White-box testing c) Equivalence partitioning d) Random testing **Answer:** b) White-box testing

Question 67: What is the purpose of a "test strategy" document? a) To provide detailed step-by-step test procedures b) To outline the testing approach, resources, and schedule c) To document identified defects d) To define the requirements of the software **Answer:** b) To outline the testing approach, resources, and schedule

Question 68: Which type of testing technique involves simulating high-stress conditions to assess the software's behavior? a) Load testing b) Stress testing c) Regression testing d) Smoke testing **Answer:** b) Stress testing

Question 69: Which testing phase focuses on verifying that the software works correctly after it has been deployed and used by end-users? a) Alpha testing b) Acceptance testing c) System testing d) Regression testing **Answer:** b) Acceptance testing

Question 70: Which type of testing involves assessing the software's performance under normal operating conditions? a) Load testing b) Alpha testing c) Endurance testing d) System testing **Answer:** d) System testing

Question 71: What is the primary objective of "pairwise testing"? a) To test two features simultaneously b) To execute test cases in pairs c) To test multiple features sequentially d) To reduce the number of test cases while covering various combinations **Answer:** d) To reduce the number of test cases while covering various combinations

Question 72: Which type of testing is focused on ensuring that the software can be easily maintained and enhanced? a) Regression testing b) Maintenance testing c) Load testing d) System testing **Answer:** b) Maintenance testing

Question 73: What is the purpose of "static testing"? a) To execute test cases dynamically b) To evaluate the software's performance c) To review and analyze documentation, code, or other artifacts d) To automate the testing process **Answer:** c) To review and analyze documentation, code, or other artifacts

Question 74: Which type of testing technique involves dividing input values into ranges and selecting test cases from each range? a) Random testing b) Equivalence partitioning c) Path testing d) White-box testing **Answer:** b) Equivalence partitioning

Question 75: What is the primary goal of "accessibility testing"? a) To assess the software's performance under load conditions b) To evaluate the software's user-friendliness for people with disabilities c) To identify security vulnerabilities d) To verify the correctness of the code **Answer:** b) To evaluate the software's user-friendliness for people with disabilities

Question 76: Which testing technique involves executing test cases based on the internal structure of the code? a) Black-box testing b) Equivalence partitioning c) White-box testing d) Random testing **Answer:** c) White-box testing

Question 77: What is the main goal of "state transition testing"? a) To assess the software's performance under varying loads b) To verify the software's compliance with industry standards c) To test the software's internal logic and decision-making processes d) To evaluate the software's user interface design **Answer:** c) To test the software's internal logic and decision-making processes

Question 78: Which type of testing technique involves selecting test cases based on specific scenarios, conditions, or use cases? a) Scenario-based testing b) Equivalence partitioning c) Random testing d) Alpha testing **Answer:** a) Scenario-based testing

Question 79: What is the purpose of "sanity testing"? a) To exhaustively test all possible scenarios b) To identify defects introduced by code changes c) To evaluate the software's user interface design d) To assess the software's performance under load conditions **Answer:** b) To identify defects introduced by code changes

Question 80: Which type of testing technique involves evaluating the software's compliance with legal, regulatory, and industry-specific requirements? a) Functional testing b) Security testing c) Compliance testing d) Integration testing **Answer:** c) Compliance testing

Question 81: Which type of testing technique involves executing test cases in a specific order to ensure proper interactions between different components or modules? a) Regression testing b) System testing c) Integration testing d) Usability testing **Answer:** c) Integration testing

Question 82: What is the primary purpose of "alpha testing"? a) To evaluate the software's user interface design b) To identify defects in the software c) To assess the software's performance under load conditions d) To verify that the software meets specified requirements **Answer:** b) To identify defects in the software

Question 83: Which testing technique involves evaluating the software's performance under varying levels of load? a) Load testing b) Stress testing c) Regression testing d) Alpha testing **Answer:** a) Load testing

Question 84: What is the main objective of "usability testing"? a) To identify defects in the software b) To evaluate the software's user interface design c) To assess the software's performance under load conditions d) To execute test cases automatically **Answer:** b) To evaluate the software's user interface design

Question 85: Which type of testing technique involves testing the software using the maximum possible load? a) Load testing b) Stress testing c) Regression testing d) Alpha testing **Answer:** b) Stress testing

Question 86: What is the purpose of "dependency testing"? a) To assess the software's performance under load conditions b) To identify defects in the software c) To evaluate the software's user interface design d) To test interactions between software components or modules
Answer: d) To test interactions between software components or modules

Question 87: In which testing phase is the "Test Closure Report" typically prepared? a) Unit testing b) System testing c) Acceptance testing d) Regression testing
Answer: c) Acceptance testing

Question 88: Which testing technique involves executing a series of tests to determine how the software handles data and inputs that exceed normal limits? a) Boundary value analysis b) Equivalence partitioning c) Load testing d) Stress testing
Answer: d) Stress testing

Question 89: What is the primary objective of "conformance testing"? a) To identify defects in the software b) To evaluate the software's user interface design c) To assess the software's compliance with industry standards and specifications d) To simulate real-world scenarios
Answer: c) To assess the software's compliance with industry standards and specifications

Question 90: Which type of testing technique involves executing a set of test cases multiple times with different input values? a) Random testing b) Equivalence partitioning c) Path testing d) Parameterized testing
Answer: d) Parameterized testing

Question 91: What is the primary goal of "alpha testing"? a) To evaluate the software's user interface design b) To identify defects in the software c) To assess the software's performance under load conditions d) To verify that the software meets specified requirements
Answer: b) To identify defects in the software

Question 92: Which type of testing technique focuses on testing the software's ability to perform efficiently under high load? a) Load testing b) Performance testing c) Stress testing d) Usability testing
Answer: b) Performance testing

Question 93: What is the main purpose of a "test log"? a) To track project progress b) To document defects c) To outline the software requirements d) To provide a history of test activities
Answer: d) To provide a history of test activities

Question 94: Which type of testing technique involves testing the software's behavior by providing unexpected inputs or actions? a) Negative testing b) Functional testing c) Alpha testing d) Load testing
Answer: a) Negative testing

Question 95: What is the primary purpose of "configuration testing"? a) To assess the software's performance under load conditions b) To evaluate the software's user interface design c) To verify the software's compatibility with different devices and

browsers d) To test the software on different hardware configurations and software environments **Answer:** d) To test the software on different hardware configurations and software environments

Question 96: Which testing technique focuses on verifying that the software works correctly after updates or changes have been made? a) Regression testing b) Integration testing c) Acceptance testing d) Usability testing **Answer:** a) Regression testing

Question 97: What is the purpose of "mutation testing"? a) To assess the software's performance under load conditions b) To identify defects in the software c) To evaluate the software's user interface design d) To assess the effectiveness of the testing process **Answer:** d) To assess the effectiveness of the testing process

Question 98: Which type of testing technique involves simulating potential future conditions to assess the software's behavior? a) Functional testing b) Usability testing c) Reliability testing d) Scenario-based testing **Answer:** d) Scenario-based testing

Question 99: What is the primary goal of "automated testing"? a) To execute test cases manually b) To reduce the need for manual testing by automating the process c) To evaluate the software's user interface design d) To identify defects in the software **Answer:** b) To reduce the need for manual testing by automating the process

Question 100: Which type of testing focuses on evaluating the software's compliance with legal, regulatory, and contractual requirements? a) Compliance testing b) Integration testing c) Regression testing d) Alpha testing **Answer:** a) Compliance testing