

Q. 101: The Switch is switched off once the temperature falls below 18 and then it is turned on when the temperature is more than 21. When the temperature is more than 21. Identify the Equivalence values which belong to the same class.

- A. 12,16,22
- B. 24,27,17
- C. 22,23,24
- D. 14,15,19

Q. 102: What is an equivalence partition (also known as an equivalence class)?

- A. A set of test cases for testing classes of objects
- B. An input or output range of values such that only one value in the range becomes a test case
- C. An input or output range of values such that each value in the range becomes a test case
- D. An input or output range of values such that every tenth value in the range becomes a test case.

Q. 103: Which of the following is not a part of the Test Implementation and Execution Phase

- A. Creating test suites from the test cases
- B. Executing test cases either manually or by using test execution tools
- C. Comparing actual results
- D. Designing the Tests

Q. 104: Link Testing is also called as :

- A. Component Integration testing
- B. Component System Testing
- C. Component Sub System Testing
- D. Maintenance testing

Q. 105: Who are the persons involved in a Formal Review :-

- i. Manager
- ii. Moderator
- iii. Scribe / Recorder
- iv. Assistant Manager

- A. i,ii,iii,iv are true
- B. i,ii,iii are true and iv is false.
- C. ii,iii,iv are true and i is false.
- D. i,iv are true and ii, iii are false.

Q. 106: Which of the following statements regarding static testing is false:

- A. Static testing requires the running of tests through the code
- B. Static testing includes desk checking
- C. Static testing includes techniques such as reviews and inspections
- D. Static testing can give measurements such as cyclomatic complexity

Q. 107: Designing the test environment set-up and identifying any required infrastructure and tools are a part of which phase

- A. Test Implementation and execution
- B. Test Analysis and Design
- C. Evaluating the Exit Criteria and reporting
- D. Test Closure Activities

Q. 108: A Type of functional Testing, which investigates the functions relating to detection of threats, such as virus from malicious outsiders.

- A. Security Testing
- B. Recovery Testing
- C. Performance Testing
- D. Functionality Testing

Q. 109: A Person who documents all the issues, problems and open points that were identified during a formal review.

- A. Moderator.
- B. Scribe
- C. Author
- D. Manager

Q. 110: The Test Cases Derived from use cases

- A. Are most useful in uncovering defects in the process flows during real world use of the system
- B. Are most useful in uncovering defects in the process flows during the testing use of the system
- C. Are most useful in covering the defects in the process flows during real world use of the system
- D. Are most useful in covering the defects at the Integration Level

Q. 111: One of the fields on a form contains a text box which accepts alpha numeric values. Identify the Valid Equivalence class

- A. BOOK
- B. Book
- C. Boo01k
- D. book

Q. 112: In a Examination a candidate has to score minimum of 24 marks inorder to clear the exam. The maximum that he can score is 40 marks. Identify the Valid Equivalence values if the student clears the exam.

- A. 22,23,26
- B. 21,39,40
- C. 29,30,31
- D. 0,15,22

Q. 113: Verification involves which of the following :-

- i. Helps to check the Quality of the built product
- ii. Helps to check that we have built the right product.
- iii. Helps in developing the product
- iv. Monitoring tool wastage and obsolescence.

- A. Options i,ii,iii,iv are true.
- B. i is true and ii,iii,iv are false
- C. i,ii,iii are true and iv is false
- D. ii is true and i,iii,iv are false.

Q. 114: A Project risk includes which of the following :

- A. Organizational Factors
- B. Poor Software characteristics
- C. Error Prone software delivered.
- D. Software that does not perform its intended functions

Q. 115: Which of the following is a Key Characteristics of Walk Through

- A. Scenario , Dry Run , Peer Group
- B. Pre Meeting Preparations
- C. Formal Follow Up Process
- D. Includes Metrics

Q. 116: Which of the following techniques is NOT a White box technique?

- A. Statement Testing and coverage
- B. Decision Testing and coverage
- C. Condition Coverage
- D. Boundary value analysis

Q. 117: Reporting Discrepancies as incidents is a part of which phase :-

- A. Test Analysis and Design
- B. Test Implementation and execution
- C. Test Closure Activities
- D. Evaluating exit criteria and reporting

Q. 118: In a risk-based approach the risks identified may be used to :

- i. Determine the test technique to be employed
- ii. Determine the extent of testing to be carried out
- iii. Prioritize testing in an attempt to find critical defects as early as possible.
- iv. Determine the cost of the project

- A. ii is True; i, iii, iv & v are False
- B. i,ii,iii are true and iv is false
- C. ii & iii are True; i, iv are False
- D. ii, iii & iv are True; i is false

Q. 119: Incidents would not be raised against:

- A. Requirements
- B. Documentation
- C. Test cases
- D. Improvements suggested by users

Q. 120: The Planning phase of a formal review includes the following :-

- A. Explaining the objectives
- B. Selecting the personnel, allocating roles.
- C. Follow up
- D. Individual Meeting preparations

Q. 121: Test Implementation and execution has which of the following major tasks?

- i. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.
 - ii. Creating the test suite from the test cases for efficient test execution.
 - iii. Verifying that the test environment has been set up correctly.
 - iv. Determining the exit criteria.
- A. i,ii,iii are true and iv is false
 - B. i,,iv are true and ii is false
 - C. i,ii are true and iii,iv are false
 - D. ii,iii,iv are true and i is false

Q. 122: One of the fields on a form contains a text box which accepts numeric values in the range of 18 to 25. Identify the invalid Equivalence class

- A. 17
- B. 19
- C. 24
- D. 21

Q. 123: Exhaustive Testing is

- A. Is impractical but possible
- B. Is practically possible
- C. Is impractical and impossible
- D. Is always possible

Q. 124: Hand over of Testware is a part of which Phase

- A. Test Analysis and Design
- B. Test Planning and control
- C. Test Closure Activities
- D. Evaluating exit criteria and reporting

Q. 125: Which one is not comes under international standard

- A. IEC
- B. IEEE
- C. ISO
- D. All of the above

Q. 126: In which phase static tests are used

- A. Requirements
- B. Design
- C. Coding
- D. All of the above

Q. 127: What's the disadvantage of Black Box Testing

- A. Chances of having repetition of tests that are already done by programmer.
- B. The test inputs needs to be from large sample space.
- C. It is difficult to identify all possible inputs in limited testing time. So writing test cases is slow and difficult
- D. All above

Q. 128: Static analysis tools are typically used by

- A. Testers
- B. Developers
- C. Testers & Developers
- D. None

Q. 129: Majority of system errors occur in the _____ phase

- A. Requirements Phase.
- B. Analysis and Design Phase
- C. Development Phase
- D. Testing Phase

Q. 130: The specification which describes steps required to operate the system and exercise test cases in order to implement the associated test design

- A. Test Case Specification
- B. Test Design Specification
- C. Test Procedure Specification
- D. None

Q. 131: How much percentage of the life cycle costs of a software are spent on maintenance.

- A. 10%
- B. 30%
- C. 50%
- D. 70%

Q. 132: When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called

- A. Regression testing
- B. Maintenance testing
- C. Confirmation testing
- D. None of the above

Q. 133: Equivalence testing divides the input domain into classes of data from which test cases can be derived to reduce the total number of test cases that must be developed.

- A. True
- B. False

Q. 134: When to stop Testing?

- A. Stop when scheduled time for testing expires
- B. Stop if 75% of the pre-defined number of errors is detected.
- C. Stop when all the test cases execute with detecting few errors.
- D. None above

Q. 135: With thorough testing it is possible to remove all defects from a program prior to delivery to the customer.

- A. True
- B. False

Q. 136: Structure is unknown for which type of development project

- A. Traditional system development
- B. Iterative development
- C. System maintenance
- D. Purchased/contracted software

Q. 137: _____ indicates how important it is to fix the bug and when it should be fixed

- A. Severity
- B. Priority
- C. All of the above
- D. None of the above

Q. 138: The person who leads the review of the document(s), planning the review, running the meeting and follow-up after the meeting

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

Q. 139: Performs sufficient testing to evaluate every possible path and condition in the application system. The only test method that guarantees the proper functioning of the application system is called as _____

- A. Regression Testing
- B. Exhaustive Testing
- C. Basic Path Testing
- D. Branch Testing

Q. 140: Quality Assurance is the process by which product quality is compared with the application standards and the action taken when nonconformance is detected.

- A. True
- B. False

Q. 141: A formal assessment of a work product conducted by one or more qualified independent reviewer to detect defects.

- A. Inspection.
- B. Walkthrough.
- C. Review
- D. Non Conformance

Q. 142: Test Case are grouped into Manageable (and scheduled) units are called as

- A. Test Harness
- B. Test Suite
- C. Test Cycle
- D. Test Driver

Q. 143: Configuration and compatibility testing are typically good choices for outsourcing

- A. True
- B. False

Q. 144: What type of tools to be used for Regression Testing

- A. Performance
- B. Record/Playback
- C. A. & B.
- D. None

Q. 145: System Integration testing should be done after

- A. Integration testing
- B. System testing
- C. Unit testing
- D. Component integration testing

Q. 146: During this event the entire system is tested to verify that all functional information structural and quality requirements have been met. A predetermined combination of tests is designed that when executed successfully satisfy management that the system meets specifications

- A. Validation Testing
- B. Integration Testing
- C. User Acceptance Testing
- D. System Testing

Q. 147: What is the normal order of activities in which software testing is organized?

- A. Unit, integration, system, validation
- B. System, integration, unit, validation
- C. Unit, integration, validation, system
- D. None of the above

Q. 148: The goal of a software tester is to find bugs, find them as early as possible and make sure they get fixed.

- A. True
- B. False

Q. 149: Beta testing is performed at developing organization's site where as Alpha testing is performed by people at their own locations.

- A. True
- B. False

Q. 150: The principal attributes of tools and automation are

- A. Speed & efficiency
- B. Accuracy & precision
- C. All of the above
- D. None of the above