Quizlet

NAME _____

5 Written questions

1. Commonly used to refer to a test procedure specification, especially an automated one.

_____

2. A procedure to derive and/or select test cases based on an analysis of the internal structure of a component or system.

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3. A black-box test design technique in which test cases are designed to execute valid and invalid state transitions.

_____

4. See Test Script.

_____

5. See Traceability (up and down).

_____

5 Matching questions

1. _____ Fault Attack

2. _____ Statement Coverage

3. _____ Test Procedure

4. _____ Use Case Testing

5. _____ Horizontal Traceability

A. A black-box test design technique in which test cases are designed to execute user scenarios.

B. See Traceability.

C. See Test Procedure Specification.

D. Directed and focused attempt to evaluate the quality, especially reliability, of a test object by attempting to force specific failures to occur.

E. The percentage of executable statements that have been exercised by the test suite.

5 Multiple choice questions

1. A test design technique where the tester actively controls the design of the tests as those tests are performed and uses information gained while testing to design new and better tests. [Bach]

   A. White-Box Test Design Technique

   B. Test Procedure Specification

   C. Fault Attack

   D. Exploratory Testing

2. A document specifying a sequence of actions for the execution of a test.

   A. Test Procedure Specification

   B. Test Execution Schedule

   C. Test Procedure

   D. Test Script

3. See State Transition Testing.

   A. State Transition Testing

   B. White-Box Test Design Technique

   C. N-Switch Testing

   D. Use Case Testing

4. A document specifying the test conditions (coverage items) for a test item, the detailed test approach and the associated high-level test cases.

   A. Test Procedure

   B. Test Script

   C. Test Design Specification

   D. Test Case Specification

5. A document specifying a set of test cases (objective, inputs, test actions, expected results, and execution preconditions) for a test item. [IEEE 829]

   A. Use Case Testing

   B. Test Design Specification

   C. Test Script

   D. Test Case Specification

5 True/False questions

1. The percentage of decision outcomes that have been exercised by a test suite. Implies both 100% branch coverage and 100% statement coverage. → Decision Coverage

   ◯ True

   ◯ False

2. An analysis method that determines which parts of the software have been executed (covered) by the test suite and which parts have not been executed, e.g. statement coverage, decision coverage, or condition coverage. → Decision Coverage

   ◯ True

   ◯ False

3. See White-Box Test Design Technique. → Traceability

   ◯ True

   ◯ False

4. A software testing technique in which tests are designed to include representatives of boundary values. → Structure-Based Testing

○ True

○ False

5. The ability to identify related items in documentation and software, such as requirements with associated tests. → Test Script

○ True

○ False