

5 Written questions

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

INCORRECT

× No answer given

THE ANSWER

Test Script

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

INCORRECT

× No answer given

THE ANSWER

White-Box Test Design Technique

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

INCORRECT

× No answer given

THE ANSWER

State Transition Testing

4. See Test Script.

INCORRECT

× No answer given

THE ANSWER

Manual Test Script

5. See Traceability (up and down).

INCORRECT

× No answer given

THE ANSWER

Vertical Traceability

5 Matching questions

1. Fault Attack

INCORRECT

× No answer given

THE ANSWER

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

2. Statement Coverage

INCORRECT

× No answer given

THE ANSWER

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

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.

3. Test Procedure

INCORRECT

✗ No answer given

THE ANSWER

C. See Test Procedure Specification.

4. Use Case Testing

INCORRECT

✗ No answer given

THE ANSWER

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

5. Horizontal Traceability

INCORRECT

✗ No answer given

THE ANSWER

B. See Traceability.

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]

INCORRECT

✗ No answer given

THE ANSWER

Exploratory Testing

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

INCORRECT

✗ No answer given

THE ANSWER

Test Procedure Specification

3. See State Transition Testing.

INCORRECT

✗ No answer given

THE ANSWER

N-Switch 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.

INCORRECT

✗ No answer given

THE ANSWER

Test Design 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]

INCORRECT

× No answer given

THE ANSWER

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

INCORRECT

× No answer given

THE ANSWER

True

It should be → Decision Coverage

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

INCORRECT

× No answer given

THE ANSWER

False

It should be → Code Coverage

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

INCORRECT

× No answer given

THE ANSWER

False

It should be → Structure-Based Testing

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

INCORRECT

× No answer given

THE ANSWER

False

It should be → Boundary Value Analysis

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

INCORRECT

× No answer given

THE ANSWER

False

It should be → Traceability