Software Engineering Concepts

☐ General

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Started on Sunday, 8 March 2020, 2:34 AM

State Finished

Completed on Sunday, 8 March 2020, 2:36 AM

Time taken 1 min 36 secs

Marks 6.60/8.00

Grade 82.50 out of 100.00

Feedback Congratulations!! You have passed by securing more than 80%

Question

Correct

Mark 1.00 out of 1.00

Flag question Identify this technique of dynamic testing where, For a range of input, three values are chosen, One value above the range, One value below the range, and One value within the range

Select one:

a. Cause Effect Graphing

b. Equivalence partitioning

o. Boundary Value Analysis

d. Error Guessing

e. Cause Effect Analysis

Your answer is correct.

Equivalence class partitioning divides the input domain into classes of data from which test cases can be derived. The correct answer is: Equivalence partitioning

Question

Correct

Mark 1.00 out of 1.00

 What is the difference between the actual output of a software and the correct output?

Select one:

a. Defect

b. Fault

C. Bug

d. Error

Your answer is correct.

Error – is the difference between the actual output of a software and the correct output

Quiz navigation

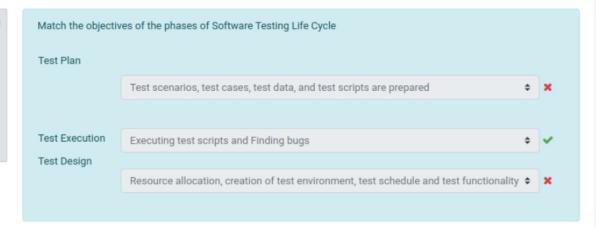


Show one page at a time Finish review The correct answer is: Error

Question 3

Partially correct Mark 0.33 out of 1.00

Flag question



You have correctly selected 1.

The test plan describes how tests will be performed and involves Resource allocation, creation of test environment, test schedule and test functionality

In Test Design, the Test scenarios, test cases, test data, and test scripts are prepared

Test Execution involves Executing test scripts and Finding bugs

The correct answer is:

Test Plan → Resource allocation, creation of test environment, test schedule and test functionality, Test Execution

→ Executing test scripts and Finding bugs, Test Design

Question 4

Correct Mark 1.00

out of 1.00

Flag question

Arrange the phases of Software Testing Life Cycle

	✓ Test plan
	✓ Test Design
	✓ Test execution
	✓ Report to developer
	✓ Verify and close

Your answer is correct.

The phases of Software Testing Life Cycle are Test plan, Test Design, Test execution, Report to developer and Verify and close

Question **5**

Partially correct

Mark 0.60 out of 1.00

Flag question



Your answer is partially correct.

You have correctly selected 3.

Author is the writer of the 'document under review', Moderator is the one who leads the review process, Reader is the one who presents the document, Recorder/Scribe records each defect found, and Inspector is responsible for inspecting the document

The correct answer is: Moderator \rightarrow Leads the review process, Scribe \rightarrow Records each defect found, Reader \rightarrow Presents the document, Inspector \rightarrow Inspecting the document, Author \rightarrow Writer of the 'document under review'

Question

Correct Mark 1.00 out of 1.00

Flag question

What is the type of testing in which the tester will know about the input and the expected output details based on the specification document only but no knowledge on implementation?

Select one:

- a. Black Box Testing
- b. White Box Testing
- c. Integration Testing
- d. Usability Testing
- e. Regression Testing

Your answer is correct.

In Black box testing functionality of the software is tested without the knowledge of the internal implementation of the code

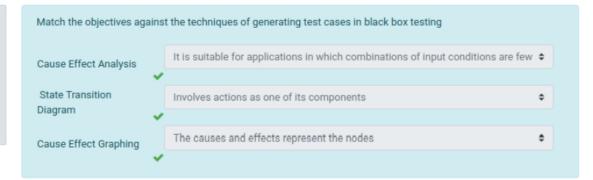
The correct answer is: Black Box Testing

Question **7**

Correct
Mark 1.00
out of 1.00

Flag

question



Your answer is correct.

Cause Effect Analysis - It is suitable for applications in which combinations of input conditions are few

Cause Effect Graphing - The causes and effects represent the nodes

State Transition Diagram - involves actions as one of its components

The correct answer is: Cause Effect Analysis \rightarrow It is suitable for applications in which combinations of input conditions are few, State Transition Diagram \rightarrow Involves actions as one of its components, Cause Effect Graphing \rightarrow The causes and effects represent the nodes

Question **8**

Partially correct Mark 0.67 out of 1.00

Flag question

Which all of the following options would basis path testing perform?

Select one or more:

- a. Test Case Coverage
- b.

Statement Coverage

Condition or Branch Coverage 🗸

✓ d. Loop Coverage ✓

Your answer is partially correct.

You have correctly selected 2.

Every statement(Statement coverage)

Every predicate (condition) in the code(branch coverage)

Loops (loop coverage)

The correct answers are:
Statement Coverage,
Condition or Branch Coverage Loop Coverage

Finish review



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