

Software Engineering Concepts

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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 1

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 ✓
- ☐ c. 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 2

Correct

Mark 1.00
out of 1.00

Flag question

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

Match the objectives of the phases of Software Testing Life Cycle

Test Plan

Test scenarios, test cases, test data, and test scripts are prepared



Test Execution

Executing test scripts and Finding bugs



Test Design

Resource allocation, creation of test environment, test schedule and test functionality



Your answer is partially correct.

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

→ Test scenarios, test cases, test data, and test scripts are prepared

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

Match the roles involved in Static Testing

Moderator	Presents the document	✗
Scribe	Records each defect found	✓
Reader	Leads the review process	✗
Inspector	Inspecting the document	✓
Author	Writer of the 'document under review'	✓

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 → Leads the review process, Scribe → Records each defect found, Reader → Presents the document, Inspector → Inspecting the document, Author → Writer of the 'document under review'

Question 6

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

Match the objectives against the techniques of generating test cases in black box testing

Cause Effect Analysis



It is suitable for applications in which combinations of input conditions are few

State Transition
Diagram



Involves actions as one of its components

Cause Effect Graphing



The causes and effects represent the nodes

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 → It is suitable for applications in which combinations of input conditions are few, State Transition Diagram → Involves actions as one of its components, Cause Effect Graphing → 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
- ☒ c. 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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