TEST6

Question 1

Where may functional testing be performed?

1. At system and acceptance testing levels only.
2. At all test levels.
3. At all levels above integration testing.
4. At the acceptance testing level only.

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Question 2

Who would USUALLY perform debugging activities?

A. Developers.

B. Analysts.

C. Testers.

D. Incident Managers.

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Question 3

Given the following fragment of code, how many tests are required for 100% decision coverage?

if width > length then biggestDimension = width

if height > width then biggestDimension = height

end\_if

else biggestDimension = length

if height > length then biggestDimension = height

end\_if

end\_if

1. 3
2. 4
3. 2
4. 1

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Question 4

You have designed test cases to provide 100% statement and 100% decision coverage for the following fragment of code.

if width > length then biggest\_dimension = width

else biggest\_dimension = length

end\_if

The following has been added to the bottom of the code fragment above.

print "Biggest dimension is " & biggest\_dimension print "Width: " & width print "Length: " & length

How many more test cases are required?

1. One more test case will be required for 100 % decision coverage.
2. Two more test cases will be required for 100 % statement coverage, one of which will be used to provide 100% decision coverage.
3. None, existing test cases can be used.
4. One more test case will be required for 100" statement coverage.

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Question 5

A thermometer measures temperature in whole degrees only.

If the temperature falls below 18 degrees, the heating is switched off.

It is switched on again when the temperature reaches 21 degrees.

What are the best values in degrees to cover all equivalence partitions?

1. 15, 19 and 25.
2. 17, 18 and19.
3. 18, 20 and22.
4. 16, 26 and 32.

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Question 6

Which of the following is TRUE?

1. Confirmation testing is testing fixes to a set of defects and Regression testing is testing to establish whether any defects have been introduced as a result of changes.
2. Confirmation testing is testing to establish whether any defects have been introduced as a result of changes and Regression testing is testing fixes to a set of defects.
3. Confirmation testing and Regression testing are both testing to establish whether any defects have been introduced as a result of changes.
4. Confirmation testing and Regression testing are both testing fixes to a set of defects.

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Question 7

Which of the following is MOST characteristic of specification based (black-box) techniques?

1. Test cases can be easily automated.
2. Test cases are independent of each other.
3. Test cases are derived systematically from models of the system.

Test cases are derived systematically from the delivered code.

**Remember the terms from the lesson:**

***Version control system, software versioning, error gusting, exploratory testing, experience-based testing, graphical control elements***