Answer Submitted.
X

Week 2 : Assignment 2 (Non Graded)

Assignment not submitted
Note : This assignment is only for practice purpose and it will not be counted towards the Final score

1) When do we say that a test path *p* tours a path *q* ***1 point***

- (●) We say that a test path *p* tours a path *q* if *q* is a sub-path of *p*.
- ( ) We say that a test path *p* tours a path *q* if *p* is a sub-path of *q*.

Yes, the answer is correct.
Score: 1
Accepted Answers:
We say that a test path p tours a path q if q is a sub-path of p.

2) How many requirements are there for edge pair coverage? ***1 point***

- ( ) 10 requirements.
- (●) 12 requirements.

Yes, the answer is correct.
Score: 1
Accepted Answers:
12 requirements.

3) Which of the following test paths satisfy node coverage but not edge coverage on the graph? ***1 point***

- ( ) Test path [1, 2, 4, 6, 1, 7].
- (●) Test path [1, 2, 4, 5, 6, 1, 7].
- ( ) Test path [1, 2, 3, 2, 4, 6, 1, 7].

- ○ Test path [1, 2, 3, 2, 4, 5, 6, 1, 7].

No, the answer is incorrect.
Score: 0

Accepted Answers:
Test path [1, 2, 3, 2, 4, 5, 6, 1, 7].

4) What do the prime paths [2, 3, 2] and [3, 2, 3] together represent? ***1 point***

- ○ They represent two ways of going around the loop between the vertices 2 and 3.
- ◉ They represent more than one iteration of the loop between the vertices 2 and 3.

Yes, the answer is correct.
Score: 1

Accepted Answers:
They represent more than one iteration of the loop between the vertices 2 and 3.

5) Consider the simple path [3, 2, 4, 5, 6] and test path [1, 2, 3, 2, 4, 6, 1, 2, 4, 5, 6, 1, 7]. Does the test path tour the simple path directly or with a sidetrip? ***1 point***

- ◉ The test path tours the simple path directly.
- ○ The test path tours the simple path with a side trip [4, 6, 1, 2, 4].

No, the answer is incorrect.
Score: 0

Accepted Answers:
The test path tours the simple path with a side trip [4, 6, 1, 2, 4].

Check Answers and Submit

Your score is: 3/5

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