Started on	Saturday, 14 October 2023, 2:31 PM
State	Finished
Completed on	Saturday, 14 October 2023, 2:32 PM
Time taken	1 min 2 secs
Marks	5.00/6.00
Grade	**83.33** out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

On the Ordinal Cohesion Scale, rate the following in the Lowest to Highest order of cohesion.

Select one:

- a. Logical , Coincidental, Sequential, Temporal, Functional
- b. Coincidental, Sequential, Functional, Temporal, Logical
- c. Coincidental, Logical, Temporal, Sequential, Functional ✔
- d. Logical, Sequential, Coincidental, Temporal, Functional

The correct answer is: Coincidental, Logical, Temporal, Sequential, Functional

Question 2

Incorrect

Mark 0.00 out of 1.00

4. A ------- is a path that begins and ends at the same node whereas a ---------- is a circuit with no node (other than the starting node) included more than once

Select one:

- a. Cycle, Circuit ✖
- b. Circuit, Cycle
- c. Valid, Invalid
- d. None of the above

The correct answer is: Circuit, Cycle

Question 3

Correct

Mark 1.00 out of 1.00

The size estimate for a software product to be built must be based on a direct measure like LOC.

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 4

Correct

Mark 1.00 out of 1.00

----------cohesion is difficult to automate

Select one:

- a. Syntactic
- b. Semantic ✔
- c. Internal
- d. None of the above

The correct answer is: Semantic

Question 5

Correct

Mark 1.00 out of 1.00

For a strongly connected graph a ***real edge*** is created to connect the END node to the BEGIN node

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 6

Correct

Mark 1.00 out of 1.00

Cyclomatic complexity of graph G equals #edges + #nodes - 2

$$V(G) = e + n - 2$$

Select one:

- True
- False ✔

The correct answer is 'False'.