

Started on	Saturday, 14 October 2023, 2:30 PM
State	Finished
Completed on	Saturday, 14 October 2023, 2:31 PM
Time taken	1 min 11 secs
Marks	3.00/6.00
Grade	50.00 out of 100.00

Question 1

Incorrect

Mark 0.00 out of 1.00

The four basic steps in software project estimation are:

1. Estimate the size of the development product. { either Lines of Code (LOC) or Function Points (FP)}
2. Estimate the effort in person-months or person-hours.
3. Estimate the schedule in calendar months.
4. Estimate the project cost in dollars (or local currency)

Select one:

- ☐ True
- ☒ False ✖

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of 1.00

Cohesion is of two types, Internal and Syntactic.

Select one:

- ☐ True
- ☒ False ✔

The correct answer is 'False'.

Question 3

Correct

Mark 1.00 out of 1.00

Cyclomatic complexity measures software complexity from the machine's viewpoint in terms of how the size of the input data affects an algorithm's usage of computational resources (usually running time or memory)

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 4

Correct

Mark 1.00 out of 1.00

LOC-based estimation techniques require problem decomposition based on

Select one:

- ☐ a. information domain values
- ☐ b. project schedule
- ☒ c. software functions ✓
- ☐ d. process activities

The correct answer is: software functions

Question 5

Incorrect

Mark 0.00 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'.

Question 6

Incorrect

Mark 0.00 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'.