Started on	Monday, 21 April 2025, 1:51 PM
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Time taken	6 mins 9 secs
Marks	10.00/10.00
Grade	**100.00** out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

Which metric is used to measure the complexity of a program's control flow?

○ a.   LOC

○ b.   Cohesion

○ c.   Function Points

◉ d.   Cyclomatic Complexity ✔

Your answer is correct.

Question 2

Correct

Mark 1.00 out of 1.00

What is the primary goal of software engineering?

○ a.   To develop programs

◉ b.   To produce reliable and efficient software ✔

○ c.   To write bug-free code

○ d.   To reduce the cost of software

Your answer is correct.

Question 3

Correct

Mark 1.00 out of 1.00

Which of the following is NOT a software process model?

- ○ a. Compiler ✔
- ○ b. Prototyping
- ○ c. V-Model
- ○ d. Spiral

Your answer is correct.

Question 4

Correct

Mark 1.00 out of 1.00

What does CMMI stand for?

- ○ a. Capability Management for Modern Integration

- ○ b. Code Maintenance and Monitoring Interface

- ○ c. Computer Model for Management Interface

- ○ d. Capability Maturity Model Integration ✔

Your answer is correct.

Question 5

Correct

Mark 1.00 out of 1.00

What does "coupling" refer to in software design?

    ○ a.   Strength of connection between modules ✔

    ○ b.   Depth of function calls

    ○ c.   Amount of testing

    ○ d.   Quality of user interface

Your answer is correct.

Question 6

Correct

Mark 1.00 out of 1.00

What is "black-box testing"

    ○ a.   Testing without knowing internal details ✔

    ○ b.   Unit testing by developers

    ○ c.   Testing code with knowledge of implementation

    ○ d.   Testing internal logic of code

Your answer is correct.

Question 7

Correct

Mark 1.00 out of 1.00

Agile methodology promotes:

- ⦿ a.   Customer collaboration over contract negotiation ✔
- ◯ b.   Processes and tools over individuals
- ◯ c.   Following a strict plan
- ◯ d.   Detailed documentation over working software

Your answer is correct.

Question 8

Correct

Mark 1.00 out of 1.00

In the software development life cycle (SDLC), the SRS document is created during which phase?

- ◯ a.   Testing
- ⦿ b.   Requirement analysis ✔
- ◯ c.   Implementation
- ◯ d.   Design

Your answer is correct.

Question 9

Correct

Mark 1.00 out of 1.00

What is the main disadvantage of the Waterfall model?

- ⦿ a.   Difficult to accommodate changes ✔
- ◯ b.   Follows a linear sequence
- ◯ c.   Easy to manage
- ◯ d.   Phases are well-defined

Your answer is correct.

Question 10

Correct

Mark 1.00 out of 1.00

Which model is also known as the "linear sequential model"

- ○ a.   Incremental model
- ○ b.   Agile model
- ○ c.   Spiral model
- ● d.   Waterfall model ✔

Your answer is correct.