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/ [Quiz 7 \(6 questions\)](#)

Started on Wednesday, 22 December 2021, 12:40 PM

State Finished

Completed on Wednesday, 22 December 2021, 12:47 PM

Time taken 7 mins 11 secs

Grade 2.83 out of 6.00 (47%)

Question **1**

Partially correct

Mark 0.33 out of 1.00

The following documents are outputs of the phases of the waterfall model:

Select one or more:

- ☐ a. Test report
- ☒ b. Requirements specification ✓
- ☒ c. Implementation specification ✗
- ☐ d. Evaluation report
- ☒ e. Design specification ✓
- ☐ f. Usability report

The correct answers are: Requirements specification, Design specification, Test report

Question **2**

Partially correct

Mark 0.50 out of 1.00

Which characteristics fit the evolution approach?

Select one or more:

- ☐ a. Close communication and interactions with users
- ☐ b. Heavy emphasis on documentation
- ☐ c. Relies on overall plans
- ☒ d. Iterations ✓
- ☐ e. Big up-front analysis

The correct answers are: Close communication and interactions with users, Iterations

Question 3

Partially correct

Mark 0.50 out of 1.00

Which method would you choose in the different cases presented below?

The project has stable requirements	Combination	✗
The project has high complexity and high uncertainty	Evolution	✗
The project has high complexity and low uncertainty	Construction	✓
The project has unstable requirements	Evolution	✓

The correct answer is: The project has stable requirements → Construction, The project has high complexity and high uncertainty → Combination, The project has high complexity and low uncertainty → Construction, The project has unstable requirements → Evolution

Question 4

Partially correct

Mark 0.50 out of 1.00

We can reduce complexity in systems development by

Select one or more:

- ☐ a. Add more developers
- ☐ b. Change the plan
- ☐ c. Using templates and patterns
- ☒ d. Dividing the problem into sub problems ✓
- ☐ e. Experimenting with prototypes

The correct answers are: Dividing the problem into sub problems, Using templates and patterns

Question 5

Incorrect

Mark 0.00 out of 1.00

Reducing uncertainty in systems development generally

Select one or more:

- ☐ a. Decreases complexity
- ☒ b. Adds functions to the system ✗
- ☐ c. Increases complexity
- ☐ d. Has no effect on complexity

The correct answer is: Increases complexity

Question 6

Correct

Mark 1.00 out of 1.00

A prototype

Select one or more:

- ☒ a. Can be used to test design ideas ✓
- ☐ b. Is a small part of the program
- ☐ c. Must be expressed in program code
- ☐ d. Is always thrown away
- ☒ e. Can be used to explore the design of the user interface ✓

The correct answers are: Can be used to explore the design of the user interface, Can be used to test design ideas

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