

Status	Finished
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Completed	Thursday, 5 September 2024, 8:07 PM
Duration	4 mins 8 secs
Grade	10.00 out of 10.00 (100%)

Question 1

Complete

Mark 1.00 out of 1.00

For a "going-to-change requirements" project, which process should be used and the reason?

Select one:

- ☐ a. Incremental as we can stop at anytime and go back to the specification step.
- ☒ b. Incremental as the "not-yet-develop" requirements can be changed for next development iterations.
- ☐ c. Waterfall as the specification was fixed then we reject the changes.
- ☐ d. All the other answers are correct.

Question 2

Complete

Mark 1.00 out of 1.00

For a "easily get customer feedback" project, which process should be used and the reason?

Select one:

- ☐ a. Waterfall as the specification was fixed then the next stage can be carried out.
- ☐ b. Incremental as we can continue the whole interleaving process.
- ☒ c. Incremental as we can deliver version to version during the development
- ☐ d. All the other answers are correct.

Question 3

Complete

Mark 1.00 out of 1.00

For a "need only the full product with training" project, which process should be used and the reason?

Select one:

- ☐ a. Re-use oriented as we can deliver the full product.
- ☐ b. Incremental as we can only deliver the last version.
- ☐ c. Waterfall as the product can only be delivered at the end.
- ☒ d. All the other answers are correct.



Question 4

Complete

Mark 1.00 out of 1.00

Software prototype can be used in ____.

Select one:

- ☐ a. Requirements elicitation and validation
- ☒ b. All the other answers are correct.
- ☐ c. Testing process: run back-to-back tests
- ☐ d. Options and develop UI design

Question 5

Complete

Mark 1.00 out of 1.00

Software development is a process of ____.

Select one:

- ☒ a. Design and Implementation
- ☐ b. Design, Programming and Testing
- ☐ c. All the other answers are correct.
- ☐ d. Requirement Analysis, Design, Programming and Testing

Question 6

Complete

Mark 1.00 out of 1.00

For a "fixed structure/architecture" project, which process should be used and the reason?

Select one:

- ☐ a. All the other answers are correct.
- ☐ b. Incremental as the design and implementation are interleaved.
- ☒ c. Waterfall as the implementation is after the design step.
- ☐ d. Waterfall and incremental together for fixed architecture and fast development.



Question 7

Complete

Mark 1.00 out of 1.00

Software specification is a process of ____.

Select one:

- ☒ a. All the other answers are correct.
- ☐ b. Requirements specification
- ☐ c. Requirements elicitation and analysis
- ☐ d. Requirements validation

Question 8

Complete

Mark 1.00 out of 1.00

The most common activity in Software validation is ____.

Select one:

- ☒ a. Software testing
- ☐ b. Development review and software testing
- ☐ c. All the other answers are correct.
- ☐ d. Requirement review, development review and software review

Question 9

Complete

Mark 1.00 out of 1.00

For a "fixed requirements" project, which process should be used and the reason?

Select one:

- ☐ a. Any process depended on the type of the application.
- ☐ b. Incremental as we can continue the whole interleaving process.
- ☒ c. All the other answers are correct.
- ☐ d. Waterfall as the specification was fixed then the next stage can be carried out.



Question 10

Complete

Mark 1.00 out of 1.00

The most activity in Software evolution is ____.

Select one:

- ☐ a. Fixing error after software release
- ☐ b. Adaptation (new environment, new device, etc.)
- ☐ c. Upgrade (new feature, etc.)
- ☒ d. All the other answers are correct.

