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Time taken 2 mins 57 secs

Marks 7.00/8.00

Grade 8.75 out of 10.00 (87.5%)

Question 1

Correct

Mark 1.00 out of 1.00

In what way does the Waterfall model generalize the approach to database development?

- a. By integrating rapid prototyping techniques. I
- b. By summarizing requirements across multiple iterations.
- c. By combining development phases in a flexible manner.
- d. By following a standardized sequence of phases. ✓

Your answer is correct.

Question 2

Correct

Mark 1.00 out of 1.00

Which technique is commonly used to incorporate new data into an existing database schema?

- a. Database mirroring
- b. Data migration ✓
- c. Data deduplication I
- d. Data summarization

Question 3

Incorrect

Mark 0.00 out of 1.00

Data replication is crucial for _____.

- a. ensuring data consistency during database alterations. ✗
- b. enhancing data security measures.
- c. organizing historical data for long term storage.
- d. integrating data from multiple sources during database alterations.

Your answer is incorrect.

Question 4

Correct

Mark 1.00 out of 1.00

In database maintenance, what role does database optimization play?

- a. Enhancing data security measures
- b. Generating automated backup schedules
- c. Combining data from disparate sources
- d. Improving query performance ✓

Question 5

Correct

Mark 1.00 out of 1.00

What is the main drawback of the Waterfall model in database development?

- a. Inflexibility to changing requirements ✓
- b. Overemphasis on rapid iterations
- c. Lack of stakeholder involvement Lack of stakeholder involvement
- d. Overcomplicated project management

Question 6

Correct

Mark 1.00 out of 1.00

How does the Waterfall model correspond to traditional project management methodologies in database development?

- a. By integrating iterative processes
- b. By emphasizing parallel execution
- c. By prioritizing sequential phases ✓
- d. By incorporating agile principles

Question 7

Correct

Mark 1.00 out of 1.00

In the Waterfall model of Database Life Cycle, what is the primary focus during the initial phase?

- a. Synthesizing requirements ✓
- b. Coordinating modules
- c. Generating prototypes
- d. Compiling data structures

Question 8

Correct

Mark 1.00 out of 1.00



In the Waterfall model, each phase must be completed before the next phase begins, promoting a sequential approach to development.

Is the statement TRUE or FALSE?

- a. TRUE ✓
- b. FALSE