

CS04

412 The utility tree is a tool primarily used for:

Question 1Answer

- a. Evaluating the software architecture.
- b. Gathering Architectural Significant Requirements (ASRs).
- c. Documenting software architecture.
- d. Designing the software architecture.

Feedback

The correct answer is: Gathering Architectural Significant Requirements (ASRs).

406 The primary goal of architecture documentation is to:

Question 2Answer

- a. Justify the project's budget.
- b. Communicate the architecture's intent and decisions.
- c. Create a comprehensive reference for developers.
- d. Impress stakeholders with technical details.

Feedback

The correct answer is: Communicate the architecture's intent and decisions.

419 The "top-down" approach in agile architecting focuses on:

Question 3Answer

- a. Designing high-level architectural structures.
- b. Meeting specific implementation constraints.
- c. Conducting experiments to validate design choices.
- d. Analyzing detailed design options.

Feedback

The correct answer is: Designing high-level architectural structures.

407 What is the role of "spikes" in Agile architecture?

Question 4Answer

- a.
To create detailed design specifications.
- b.
To conduct experiments and gather data for decision-making.
- c.
To identify and mitigate risks early in the project.
- d.
To document the architecture in detail.

Feedback

The correct answer is: To conduct experiments and gather data for decision-making.

409 The Incremental Commitment Model emphasizes:

Question 5Answer

- a.
Early and continuous delivery of working software.
- b.
Extensive documentation and risk analysis.
- c.
Rigid adherence to project plans.
- d.
A balance between up-front planning and iterative development.

Feedback

The correct answer is: A balance between up-front planning and iterative development.

410 The Architecture Tradeoff Analysis Method (ATAM) focuses on:

Question 6Answer

- a.
Identifying and mitigating technical risks.
- b.
Creating comprehensive architecture documentation.
- c.
Evaluating the architecture based on stakeholder concerns.
- d.
Analyzing the entire architecture in detail.

Feedback

The correct answer is: Evaluating the architecture based on stakeholder concerns.

421 What is the role of the architect in an agile team?

Question 7Answer

- a.
Write detailed design documents.
- b.
Dictate design decisions.
- c.
Manage the development team.
- d.
Facilitate technical decision-making.

Feedback

The correct answer is: Facilitate technical decision-making.

408 Which of the following is NOT a guideline for the Agile architect?

Question 8Answer

- a.
Focus on major patterns for smaller projects.
- b.
Avoid any up-front architecture work on larger projects.
- c.
Be prepared to change the architecture as requirements evolve.
- d.
Balance architecture and agility based on project characteristics.

Feedback

The correct answer is: Avoid any up-front architecture work on larger projects.

413 What is the primary purpose of the Architecture Tradeoff Analysis Method (ATAM)?

Question 9Answer

- a.
To create detailed design specifications.
- b.
To document the architecture for future reference.
- c.
To assess the architecture's ability to meet quality attributes.
- d.
To evaluate the architecture's alignment with business goals.

Feedback

The correct answer is: To assess the architecture's ability to meet quality attributes.

422 The concept of "technical debt" in agile architecture refers to:

Question 10Answer

- a.
Insufficient testing.
- b.
The accumulation of suboptimal design decisions.
- c.
Delays in project delivery.
- d.
Financial costs associated with software development.

Feedback

The correct answer is: The accumulation of suboptimal design decisions.