

1. What is the purpose of conceptual system design?

- a) To develop detailed software algorithms
- b) To establish system constraints
- c) To determine hardware specifications
- d) To conduct system testing

Answer: b) To establish system constraints

Explanation: Conceptual system design aims to define the scope, objectives, and constraints of a system before delving into detailed design aspects.

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2. Which stage involves developing alternative conceptual designs and selecting one?

- a) Detailed System Design
- b) System Constraints Determination
- c) Information Needs Determination
- d) Conceptual System Design

Answer: d) Conceptual System Design

Explanation: During conceptual system design, various alternative designs are brainstormed and evaluated before selecting the most suitable one to proceed with.

3. What is a key task in detailed system design?

- a) Determining system constraints
- b) Establishing information needs
- c) Developing alternative designs
- d) Sketching detailed operating MIS systems

Answer: d) Sketching detailed operating MIS systems

Explanation: Detailed system design involves sketching out the detailed operating MIS systems, including information flows, inputs, outputs, and processing methods.

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4. Which stage involves identifying dominant and trade-off criteria?

- a) Conceptual System Design
- b) Detailed System Design
- c) Project Management of MIS Detailed Design
- d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: In detailed system design, dominant and trade-off criteria are identified to make

informed decisions about the subsystems and design choices.

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5. What is determined during the degree of automation assessment?

- a) Hardware specifications
- b) Software algorithms
- c) Level of human involvement in operations
- d) System constraints

Answer: c) Level of human involvement in operations

Explanation: The degree of automation assessment determines how much of the system's operations will be automated versus requiring human intervention.

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6. Which stage involves proposing an organization to operate the system?

- a) Conceptual System Design
- b) Detailed System Design
- c) Project Management of MIS Detailed Design
- d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: In detailed system design, proposing an organization to operate the system is part of establishing the framework for implementation.

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7. What is a primary focus of early system testing?

- a) Identifying system constraints
- b) Evaluating detailed operating MIS systems
- c) Assessing the degree of automation
- d) Ensuring system functionality

Answer: d) Ensuring system functionality

Explanation: Early system testing focuses on verifying that the system functions as intended and identifying any potential issues or bugs.

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8. What aspect is documented during the preparation of the detailed design?

- a) Conceptual system alternatives
- b) Information needs determination
- c) Detailed operating MIS systems
- d) System constraints

Answer: c) Detailed operating MIS systems

Explanation: The detailed design documentation includes sketches, diagrams, and descriptions of the detailed operating MIS systems.

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9. During which stage are inputs, outputs, and processing methods defined?

- a) Conceptual System Design
- b) Detailed System Design
- c) Project Management of MIS Detailed Design
- d) System Constraints Determination

Answer: b) Detailed System Design

Explanation: Inputs, outputs, and processing methods are defined in detail during the detailed system design stage.

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10. What is the purpose of revisiting the manager/user during the design process?

- a) To establish system constraints
- b) To gather additional information needs
- c) To involve them in proposing an organization

d) To ensure alignment with user requirements

Answer: d) To ensure alignment with user requirements

Explanation: Revisiting the manager/user ensures that the design aligns with their requirements and expectations.

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11. Which stage involves identifying the organization's information needs?

- a) Conceptual System Design
- b) Detailed System Design
- c) Project Management of MIS Detailed Design
- d) System Constraints Determination

Answer: a) Conceptual System Design

Explanation: Identifying the organization's information needs is a key task in the conceptual system design stage.

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12. What is the purpose of determining information sources?

- a) To establish system constraints

- b) To gather data for detailed design
- c) To evaluate conceptual designs
- d) To involve the organization in system testing

Answer: b) To gather data for detailed design

Explanation: Determining information sources helps gather relevant data to inform the detailed design process.

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13. Which stage involves developing alternative conceptual designs?

- a) Conceptual System Design
- b) Detailed System Design
- c) Project Management of MIS Detailed Design
- d) System Constraints Determination

Answer: a) Conceptual System Design

Explanation: Developing alternative conceptual designs is part of the conceptual system design stage to explore various possibilities.

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14. What is a primary objective of documenting the system concept?

- a) To establish system constraints
- b) To inform and involve the organization
- c) To propose an organization to operate the system
- d) To prepare the conceptual design report

Answer: d) To prepare the conceptual design report

Explanation: Documenting the system concept involves preparing a report that outlines the key aspects of the proposed system design.

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15. What aspect is emphasized during project management of MIS detailed design?

- a) Detailed operating MIS systems
- b) Identifying dominant criteria
- c) Determining degree of automation
- d) Sketching information flows

Answer: a) Detailed operating MIS systems

Explanation: Project management of MIS detailed design focuses on overseeing the implementation of the detailed operating MIS systems according to the design specifications.

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