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.

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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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