1. What is the primary focus of the Concept Definition phase in system development?
a) Implementation of the system
b) Operational analysis
c) Exploration of feasibility
d) Defining system requirements

Answer: d) Defining system requirements

Explanation: The Concept Definition phase primarily involves identifying and defining the requirements of the system to be developed. It sets the foundation by outlining the objectives, scope, and functionalities of the system.

2. Which phase of system development involves analyzing whether the proposed system is technically feasible?
a) Operational Analysis
b) Feasibility Analysis
c) Implementation Phase
d) System Testing Phase

Answer: b) Feasibility Analysis

Explanation: Feasibility Analysis is the phase where the technical, economic, and operational aspects of the proposed system are evaluated to determine its feasibility.

3. What is the purpose of Functional Analysis in system development?
a) To determine the project timeline
b) To identify system requirements
c) To assess system performance

d) To allocate resources

Answer: b) To identify system requirements

Explanation: Functional Analysis involves breaking down the system requirements into smaller functional units to understand what tasks the system must perform.

4. During which phase of the system development life cycle are the system operational requirements specified?
a) Concept Definition phase
b) Feasibility Analysis phase
c) Implementation phase
d) Maintenance phase

Answer: a) Concept Definition phase

Explanation: System operational requirements are specified during the Concept Definition phase, where the objectives, scope, and functionalities of the system are defined.

5. What does the Implementation of Concept Exploration involve in system development?
a) Testing the system
b) Generating new ideas
c) Building prototypes
d) Evaluating feasibility

Answer: c) Building prototypes

Explanation: Implementation of Concept Exploration involves building prototypes or models

to explore and validate the feasibility and functionality of the proposed system.

6. Which phase of the system development life cycle involves exploring the technical and economic viability of the proposed system?
a) Operational Analysis
b) Concept Definition phase
c) Feasibility Analysis phase
d) Implementation phase

Answer: c) Feasibility Analysis phase

Explanation: Feasibility Analysis phase evaluates the technical, economic, and operational aspects to determine the viability of the proposed system.

7. What is the main objective of Operational Analysis in system development?
a) Identifying system requirements
b) Evaluating system performance
c) Assessing project risks
d) Determining project schedule

Answer: b) Evaluating system performance

Explanation: Operational Analysis involves assessing the performance of the system to ensure it meets the specified requirements and objectives.

8. Which phase of the system development life cycle involves translating system requirements into a detailed design?
a) Concept Definition phase

b) Feasibility Analysis phase
c) Implementation phase
d) System Design phase

Answer: d) System Design phase

Explanation: System Design phase involves translating the system requirements identified in the Concept Definition phase into a detailed design that can be implemented.

9. What is the primary purpose of the Concept Development and Exploration phase in system development?
a) Testing system functionality
b) Generating new system ideas
c) Evaluating project feasibility
d) Defining system requirements

Answer: b) Generating new system ideas

Explanation: The Concept Development and Exploration phase involves generating and exploring new ideas for potential systems before moving into detailed planning and development.

10. Which phase of the system development life cycle involves identifying the scope and objectives of the system to be developed?
a) Implementation phase
b) Concept Definition phase
c) Feasibility Analysis phase
d) System Testing phase

Answer: b) Concept Definition phase

Explanation: The Concept Definition phase involves identifying the scope, objectives, and functionalities of the system to be developed, setting the foundation for further development activities.

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