

12 Lecture - CS403

Important Mcqs

1. **What is the first step in the study of a system?**

- a) Identifying the system boundaries
- b) Understanding the system components
- c) Analyzing the system's behavior
- d) Proposing solutions

Answer: a) Identifying the system boundaries

What is the purpose of identifying the system boundaries in the study of a system?

- a) To understand the system's components
- b) To define the system's scope
- c) To analyze the system's behavior
- d) To propose solutions

Answer: b) To define the system's scope

Which step in the study of a system involves understanding the system's components and their interactions?

- a) Identifying the system boundaries
- b) Analyzing the system's behavior
- c) Understanding the system components
- d) Proposing solutions

Answer: c) Understanding the system components

What is the purpose of analyzing the system's behavior in the study of a system?

- a) To identify the system boundaries
- b) To understand the system components
- c) To evaluate the system's performance
- d) To propose solutions

Answer: c) To evaluate the system's performance

What is the purpose of identifying any problems or inefficiencies in the study of a system?

- a) To propose solutions
- b) To understand the system components
- c) To analyze the system's behavior
- d) To identify the system boundaries

Answer: a) To propose solutions

Which step in the study of a system involves proposing solutions to improve the system's performance?

- a) Identifying the system boundaries
- b) Understanding the system components
- c) Analyzing the system's behavior
- d) Proposing solutions

Answer: d) Proposing solutions

What is the purpose of understanding the system's goals in the study of a system?

- a) To identify the system boundaries

- b) To analyze the system's behavior
- c) To propose solutions
- d) To define the system's purpose

Answer: d) To define the system's purpose

Which step in the study of a system involves a detailed analysis of its processes, inputs, and outputs?

- a) Identifying the system boundaries
- b) Understanding the system components
- c) Analyzing the system's behavior
- d) Proposing solutions

Answer: c) Analyzing the system's behavior

What is the purpose of identifying the system's constraints in the study of a system?

- a) To understand the system components
- b) To analyze the system's behavior
- c) To propose solutions
- d) To define the system's limitations

Answer: d) To define the system's limitations

Which step in the study of a system involves a thorough understanding of the system's stakeholders?

- a) Identifying the system boundaries
- b) Understanding the system components
- c) Analyzing the system's behavior
- d) Proposing solutions

Answer: b) Understanding the system components