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