

12 Lecture - CS403

Important Subjective

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

Answer: The purpose of identifying the system boundaries is to define the scope of the system and to understand what is included and excluded from the system.

What is the importance of understanding the system components in the study of a system?

Answer: Understanding the system components is important as it helps in identifying how the system works, and how the different components interact with each other to achieve the system's objectives.

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

Answer: The purpose of analyzing the system's behavior is to evaluate its performance and identify any areas where it can be improved.

How can the identification of problems and inefficiencies help in the study of a system?

Answer: The identification of problems and inefficiencies can help in proposing solutions to improve the system's performance and efficiency.

What is the importance of proposing solutions in the study of a system?

Answer: Proposing solutions can help in addressing the problems and inefficiencies identified in the system and improving its performance.

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

Answer: Understanding the system's goals is important as it helps in defining the purpose of the system and identifying what it needs to achieve.

Why is a detailed analysis of the system's processes, inputs, and outputs important in the study of a system?

Answer: A detailed analysis of the system's processes, inputs, and outputs is important as it helps in understanding how the system works and identifying any areas where it can be improved.

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

Answer: The purpose of identifying the system's constraints is to define the limitations of the system and understand what it cannot achieve.

What is the importance of understanding the system's stakeholders in the study of a system?

Answer: Understanding the system's stakeholders is important as it helps in identifying their needs and expectations, and how the system can meet them.

What are the benefits of following a systematic approach in the study of a system?

Answer: Following a systematic approach can help in identifying and addressing problems more

efficiently, and in proposing solutions that are more effective.