

6 Lecture - CS403

Important Mcqs

1. **What is a detailed data flow diagram?**

- a. A diagram that shows only inputs to a system
- b. A diagram that shows only outputs from a system
- c. A diagram that shows the flow of data through a system
- d. A diagram that shows the physical components of a system

Answer: c

What is the purpose of a detailed data flow diagram?

- a. To identify inefficiencies in a system
- b. To show the physical components of a system
- c. To show only the inputs to a system
- d. To show only the outputs from a system

Answer: a

How many levels of diagrams are typically included in a detailed data flow diagram?

- a. One
- b. Two
- c. Three
- d. Four

Answer: c

What is an intermediate data flow?

- a. Data that enters a system
- b. Data that exits a system
- c. Data that is processed within a system
- d. Data that is stored within a system

Answer: c

Which of the following is NOT typically shown on a detailed data flow diagram?

- a. Inputs
- b. Outputs
- c. Physical components
- d. Intermediate data flows

Answer: c

What is the benefit of using a detailed data flow diagram?

- a. To identify inefficiencies in a system
- b. To show the physical components of a system
- c. To show only the inputs to a system
- d. To show only the outputs from a system

Answer: a

What does a detailed data flow diagram help to identify?

- a. System components

- b. Input sources
- c. Output destinations
- d. Inefficiencies and bottlenecks

Answer: d

How is a detailed data flow diagram different from a high-level data flow diagram?

- a. It shows more levels of detail
- b. It shows fewer levels of detail
- c. It shows only inputs and outputs
- d. It shows physical components of a system

Answer: a

Which of the following is an example of an intermediate data flow?

- a. User input
- b. Output report
- c. Calculation result
- d. System error message

Answer: c

What is the primary purpose of a detailed data flow diagram?

- a. To show the physical components of a system
- b. To show only the inputs to a system
- c. To show only the outputs from a system
- d. To show the flow of data through a system

Answer: d