

4 Lecture - CS403

Important Mcqs

1. **What is the internal or physical view/schema of a database?**

- a) The way data is logically organized within a database
- b) The way data is physically stored on the storage media
- c) The way data is presented to end-users

Answer: b) The way data is physically stored on the storage media

Which of the following describes the internal view of a database?

- a) A high-level view of the data and its relationships
- b) A low-level view of the data storage and access methods
- c) A view of the data as it is presented to end-users

Answer: b) A low-level view of the data storage and access methods

Which of the following is not a component of the internal view/schema of a database?

- a) Storage format
- b) Data structures
- c) Indexing methods
- d) User interface design

Answer: d) User interface design

The internal view/schema of a database is important for:

- a) End-users
- b) Database administrators
- c) Both end-users and database administrators

Answer: b) Database administrators

Which of the following is an example of a storage format used in the internal view of a database?

- a) XML
- b) SQL
- c) Binary

Answer: c) Binary

Which of the following is an example of a data structure used in the internal view of a database?

- a) Linked list
- b) Array
- c) Stack

Answer: a) Linked list

Which of the following is an example of an indexing method used in the internal view of a database?

- a) Binary search
- b) Bubble sort

c) Quick sort

Answer: a) Binary search

The internal view/schema of a database is also known as:

a) The conceptual view

b) The physical view

c) The external view

Answer: b) The physical view

Which of the following best describes the relationship between the internal view and the external view of a database?

a) The internal view is a high-level view of the data, while the external view is a low-level view of the data storage and access methods.

b) The internal view is a low-level view of the data storage and access methods, while the external view is a high-level view of the data.

c) The internal view and the external view are the same thing.

Answer: b) The internal view is a low-level view of the data storage and access methods, while the external view is a high-level view of the data.

Which of the following is not a reason why the internal view/schema of a database is important?

a) To optimize database performance

b) To ensure efficient data retrieval

c) To present data to end-users

Answer: c) To present data to end-users