

Interview Questions

Q 1. What is DBMS used for? (TCS)

DBMS, commonly known as Database Management System, is an application system whose main purpose revolves around the data. This is a system that allows its user to store the data, define it, retrieve it and update the information about the data inside the database.

Q 2. Why is the use of DBMS recommended? Explain by listing some of its major advantages.(WIPRO)

Some of the major advantages of DBMS are as follows:

- Controlled Redundancy
- Data Sharing
- Backup and Recovery Facility
- Enforcement of Integrity Constraints
- Independence of data

Q 3.What is Schema? (Amazon)

Schema is a structural view of a database. Moreover, a schema diagram refers to representing a database as a diagram. It represents the relationship between the tables. However, it does not show the data present in the tables.

Q 4.What is Instance? (Adobe)

An instance of the database is the data in the database at a specific moment of time. The database schema defines the variable declarations in tables and the values of these variables at a specific time are called the instance of the database.

Q 5.Explain the three layers of 3 tier architecture.

Three layers:

- 1) Client layer
- 2) Business layer
- 3) Data layer