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Q1 What is SQL?

→ SQL is a standard programming language used to store, manage and retrieve data from relational databases.

It allows us to:

i. Create and modify structure

ii. Insert, Update and Delete data

iii. Query and retrieve specific data using condition

iv. Control access and permission.

Q2 Difference between data and information.

→

Data	Information
i. Raw facts, figures, or Symbols	Processed, organized and meaningful data.
ii. Eg: 100, 200, 300	Eg: The average score is 200
iii. Has no context by itself	Has context and meaning
iv. Input for processing	Output after processing.

Q3 What is Database and DBMS?

→ Database is an organized collection of data stored electronically. Example: A Library database storing

books, authors and members.

DBMS is a software that manages databases, allowing users to create, read, update and delete data easily.

Q4 What is Relational Database Management System?

→ RDBMS is a type of DBMS that store data in tables and establishes relationships between them using keys.

Eg: A "student" table can relate to a "course" table through a course ID.

Q5 State 5 names of Database Management System or software.

→ i. MySQL

ii. Oracle database

iii. Postgre SQL

iv. Microsoft SQL server

iv. SQLite.