

# Mid-Term of Database

Q1- What is Databases? Give 5 examples.

Ans. Collection of information structured so it can easily be accessed, managed and updated Typically = data gathered in records or files (containing information about a specific theme).

Examples .A shopping list  
.A cook book  
.Microsoft excel spreadsheets

Q2- Is Web development without database is possible? Explain.

Ans. Yes, it is possible. However, it's highly discouraged! Unless the site is very simple, and has only one person contributing to it, you will experience issues.

Q3-Suppose, we want to display all the data from student table. Select the correct answer?

- a) `SELECT student_name FROM student`
- b) `SELECT phone_number FROM student`

c) SELECT \* FROM student

Ans. C

Q4- What are joins in SQL? Name there types and explain 2 of them.

Here are the different types of the JOINS in SQL:

I was confused to explain which one so here all of them

- **(INNER) JOIN:** Returns records that have matching values in both tables
- **LEFT (OUTER) JOIN:** Returns all records from the left table, and the matched records from the right table
- **RIGHT (OUTER) JOIN:** Returns all records from the right table, and the matched records from the left table
- **FULL (OUTER) JOIN:** Returns all records when there is a match in either left or right table

Q5- SQL comand to drop a table from the database.

Ans.SQL DROP TABLE Statement

1.DROP TABLE table\_name;

2.Example. DROP TABLE Shippers;

3.TRUNCATE TABLE table\_name;