Mid term (database)

Qus 1 : What is Databases? Give 5 examples

Ans : A **d**atabase is an organized collection of structured information, or data, typically stored electronically in a computer system. ... The data can then be easily accessed, managed, modified, updated, controlled, and organized. Most databases use structured query language (SQL) for writing and querying data.

Example ;

1.MySQL

2. PostgreSQL

3. MSSQL

4.Oracle Database

5. Microsoft Access.

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

Ans :No, its is impossible to do web development without databe . because,Web development is impossible without connecting database to the server and the front-end. That is when Database skills become mandatory for any Web developer. Some of the important database technologies that are highly in-demand for Web Development are MySQL, Oracle, SQL Server, and MongoDB.

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.

Ans :  A joins clause is used to combine rows from two or more tables, based on a related column between them.

Types of JOIN :

(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;