Q1. What is Databases? Give 5 examples?

Ans - A database 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.

Examples of databases are –

MySQL, Microsoft SQL Server, Microsoft Access DBMS, Oracle, IBM DB2, and FoxPro

Q2. Is Web development without database is possible?

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. You should be looking at file put\_contents() and file get\_contents(), or perhaps file() for the proper functions for handling files.

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) SELECT \* FROM student;

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

Ans – A JOIN clause is used to combine rows from two or more tables, based on a related column between 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 command to drop a table from the database?

Ans - DROP TABLE table\_name;