Short Answer

what is Data? Data is Data is a facts that can be recorded/stored.

2. what is Information? learned about something.

3. what is Database(DB)? It is a storage where we store data.

4. What is the Relation Database Management System(RDBMS)? Is a type of database that stores and provides access to data points that are related to one another .

5. Define the importance of Relation Database Management System(RDBMS)? helps in maintaining the data integrity, data accuracy, reduces data redundancy to minimum or zero, data scalability, data flexibility and facilitates makes it easy to implement security methods

6. As we all know that there are Two types of Database. Relational Database(SQL) AND Non-Relational DB(NO sql). what is the difference between them.

relational databases store data in rows and columns like a spreadsheet while non-relational databases store data don't.

7. List examples of Relation Database Management System(RDBMS)?

Oracle, SQL, MYSQL..

8. List examples of Non-Relational DB(Nosql)? MongoDB, CouchDB, CouchBase, Cassandra,

9. Define and Describe is Structured Query Language(SQL)? SQL is the core of a relational database which is used for accessing and managing the database. It's Standardized language for interacting with RDMS. It also used to define Tables and Structures.

10. List and Describe each of the different subsets of SQL(Mean DDL, DML, DCL, TCL)?

1) DDL: DML commands are used for manipulating the data stored in the table and not the table itself , commands are not auto-committed. CREAT, ALTER ,DROP .

2)DML: It deals with the manipulation of data present in the database belong to DML or Data Manipulation Language and this includes INSERT,UPDATE DELET SELECT

3)DCL: Data control language are the commands to grant and take back authority from any database user. Grant or revoke.

4) TCL: are used to manage transactions/commands in the database. Commit, Rollback,savepoint.

11. what is table in Database(DB)? It is where we put data in a structure form with row and column.

12. what is column and Row(tuples) in table? Where data is stored in the table .