**Short Answer**

1. what is Data?

**It’s a collection of information that**  **can be in the form of video, image, text**

2. what is Information?

**It’s a descriptive status of something. It may be a company, organization etc ...**

3. what is Database(DB)?

**It’s a systematic collection of data, it can be assumed as a container**

4. What is the Relation Database Management System(RDBMS)?

**It’s a storage of data in the form of table. It manage a data in a table form**

5. Define the importance of Relation Database Management System(RDBMS)?

**To manage a data**   
**to manipulate**   
**to retrieve a data**

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.

**Unlike relational database Relational database stores a data in the form of a table**  
**non relational database stores a data in the form of document**

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

**MySQL, oracle, IBM, SQL server**

8. List examples of Non-Relational DB(Nosql)?

**Apache**

9. Define and Describe is Structured Query Language(SQL)?

**SQL (structured query language) is a relational database system and descriptive language that is most importantly used as manage, retrieve, manipulate and drop of a data in a given set of database.**

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

**DCL(data cont) – it allows to grant and revoke a permission**  
**DDL (data definition language) - it allows to perform various operation in the database**

**It perform create, drop, alter, truncate**

**Its automated**

**DML (data manipulation language) - it allows to you to access and manipulate data**

**Its non automated**

**It perform insert, update, delete and retrieve data**

**TCL (transaction control language) - used to manage changes made to the data in a table by DML.**

**Commit , rollback, savepoint, set transaction**

11. what is table in Database(DB)?

**It’s a collection of data that is assigned in a column and a row**

12. what is column and Row(tuples) in table?

**A vertical division of a data and row is a group of cells that’s being assigned horizontally.**

**To Be Continued…**