**Quizzes Answer**

1. what is Data?

* Data is a collection of items that are recorded.

1. what is Information?

* Information is a collection of processed or structured data.

1. what is Database (DB)?

* Database is a systematic collection related of data. It supports storage and manipulation of data.

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

* RDBMS is a type of database management system which is a collection of program and capabilities that gives users or team to interact with relational database.

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

* Its ability to connect data from different tables.

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

* Relational database is structured which means data is stored in the form of table related, while non-relational database is not structured data is stored mixed. Whether it is related or not.

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

* Oracle, MySQL, SQL Server, PostgreSQL, IBM DB2, Microsoft Access and SQLite.

1. List examples of Non-Relational DB(NoSQL)?

* MongoDB, Apache Cassandra, Redis, Couchbase and Apache HBase.

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

* SQL is the core of RDMS which is used to managing and accessing database.

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

* DDL Data definition language allows us various operations on database, including changes to the structure of table, changes made by DDL commands are auto committed means it cannot be undone.
* DML Data manipulation language DML commands are used to manipulating data in a table not the whole table. Changes made with dml commands are not auto committed.
* DCL Data control language, dcl commands are used give and take back access to users.
* DTL Data transaction language, dtl commands are used to manage transaction in database.

1. what is table in Database (DB)?

* Tables in database is a collection of rows and columns.

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

* Column is an attribute and row is a record which obeys what attribute the column provide.