Logo, company name

Description automatically generated

Database

Lab Guide

**Short Answer**

1. **What is Data?**

* The facts that can be recorded in the form text, number and other form

1. **what is Information?**

* Any recorded form of data that stored in device like computer is called information

3. **what is Database(DB)?**

* So based on the above facts, DB is big container, that hold data as an information
* The database is a collection of inter-related data which is used to retrieve, insert and delete the data efficiently. It is also used to organize the data in the form of a table, schema, views, and reports, (**https://www.javatpoint.com/dbms-tutorial**)

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

* Soft ware tools that manage the data

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

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.

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

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

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

* Structured query language : Is operations that used in DBMS to create, change , drop and rename data

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

11. what is table in Database(DB)?

That hold all data in DB

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

* In DB column usually know as attributes which represents categories of information and Row or tubles representing all the information from each field associated with a single record.

**To Be Continued…**