SQL Roadmap

A- Introduction to SQL

- What is SQL
- Why SQL? and it's Features and Applications
- What is Data and Database with example
- Types of Database(short introduction of all the types)
- DBMS, RDBMS and Few popular database(MySQL, SQL Server, mongoDB, Oracle etc.)

B - SQL Tutorial

- SQL syntax, Statement and Commands
- SQL datatypes and operators (Arithmetic, Logical, Comparison)

C – SQL Database and Table

- How to create, drop, rename database and table
- Drop, delete, Truncate, Alter etc.

D – SQL Select

- Selection of unique, top, random, date, sum, max etc.

E- SQL Clause

- Where, and, or, with, as

F – SQL Order By

- Order by clause, Asc, Desc, random, limit etc.

G - SQL Insert, Update and Delete

- Insert values, statement etc.
- Update statement, Join etc.
- Delete rows, columns, table etc.

H – SQL Join

- Different types of Joins – Inner, outer, left, right, cross etc.

I – SQL Keys

- Primary key, Foreign key, Composite, Unique, Alternate keys

Examples and 5 exercise questions are compulsory in each part