Interview Question SQL

1. **What kind of Statement do write to validate Data?**

DML (Data Manipulation Language)

DML (Delete, Update , Insert)

1. **What is DML**

Data Manipulation language which enables users to access and manipulate data

1. **What is DDL**

Data Defination language which enables Create , Alter, and Delete database objects such as Schema, Table, View,

1. **What is DCL**

Data Control Language allow us to control database access.

“Grant”

“Revoke”

2. **What is Arithmatic operator in sql?**

Addition, Subtraction, Multiplication, Division, Modulus

1. **What are Logical Operator in SQL?**

AND

OR

NOT

1. **What is Data Relationship?**

Connection between the tables in a database

4 Type Data Relationship

One to one Relationship

One to Many Relationship

Many to one Relationship

Many to Many Relationship

1. **What are Important data Type In SQL?**

Character.

Integer

Numeric

Date

Time

Decimal

Float

3. **What is join?**

Join is a process to retrieve data from different table and return them to the user as one collection of Data.

1. **How do you Join Tables?**

Look for common Column in Tables

1. **What are Databases?**

Sql Server(Microsoft), My SQL, Oracle, Sybase, DB2.

1. **Difference between Joint and Union?**

Union combine the Result of two or more Queries into a single result.

1. **What is Stored Procedure?**

A Procedure is a group of SQL statements that can be Called by name. Procedure do not return value they perform Task.

1. **What is Primary Key?**

The Column that has completely unique data throughout the Table.

1. **What is the difference between primary Key and Foreign Key?**

Foreign Key is the field of one table that uniquely identify the field of another table.

Foreign Key is defined in second table but it refer to the primary key in the first table.

1. **What is trigger?**

A set of SQL Statements that automatically fires off an action when specific operation occur.

1. **How do you add a column to a table?**

Alter Table department Add(….)

1. **What is ACID Properties?**

**A Atomicity**

**C Consistency**

**I Isolation**

**D Durability**

**ACID is a set of properties of database Transition.**

1. **How to Create database?**

SQL > Create database databasename

1. **How to Delete a Database?**

SQL > drop database databasename

1. **How to select a Database?**

By USE statement

SQL > use databasename

1. **How to view All Existing Database List?**

SQL > show database

1. **How to Create a Table?**

Create table tablename

Column 1 datatype

Column 2 datatype

1. **How to Delete a Table?**

Using Drop table statement

Drop table tablename

1. **How to add new record into a table?**

Using Insert into statement

1. **How to Fetch Data from a Table?**

Using Select statement

1. **What is the Difference between Group by and Order By?**

**Group by** control the presentation of Rows

**Order By** control the presentation of Column

1. **Important Built in Function?**

Avg, Count, First, last, Max, Min, Sum,U case, l case, Mid, len

1. **What bare the Important Clauses in SQL?**

WHERE, ORDER BY, GROUP BY,HAVING,UNION,BETWEEN, JOIN