1. **What is RDBMS?**

**Ans.** A Relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model.

1. **What is SQL?**

**Ans.** SQL tutorial gives unique learning on Structured Query Language and it helps to make practice on SQL commands which provides immediate results. It is a language of database, it includes database creation, deletion, fetching rows and modifying rows etc.

1. **Write SQL commands**

**Ans.**

**DDL** – Data Definition Language

**DML** – Data Manipulation Language

**DCL** – Data Control Language

**DQL** – Data Query Language

1. **What is join?**

**Ans.** A JOIN clause is used to combine rows from two or more tables, based on a related column between them.

1. **Write types of joins.**

**Ans.** There are 4 types of joins:

1) Inner join: returns rows when there is a match in both tables.

2) Right join: returns all rows from the right table, even if there are no

matches in the left table.

3) Left join: returns all rows from the left table, even if there are no

matches in the right table.

4) full join: returns rows when there is a match in one of the tables.

1. **How many constraint and describes it self**

**Ans.** Constraints are the rules enforced on the data columns of a table. There are used to limit the type of data that can go into a table. This ensures the accuracy and reliability of the data in the database.

The available constraints in SQL are:

* Not null : this constraints tells that we cannot store a null value in a column. That is , if a column is specified as NOT NULL then we will not be able to store null in this particular column any more.
* UNIQUE: this constraint is specified with a column, tells that all the values in the column must be unique. That is, the values in any row of a column must not be repeated.
* PRIMARY KEY: a primary key is a field which can uniquely identify each row in a table and this constraint is used to specify a field in a table as primary key.
* FOREIGN KEY: a foreign key is a field which can uniquely identify each row in a another table. And this constraint is used to specify a field as foreign key.
* CHECK: helps to ensure that the value stored in a column meets a specific condition.
* DEFAULT: this constraint specifies a default value for the column when no value is specified by the user.

1. **Difference between RDBMS vs DBMS**

**Ans.** RDBMS:

* Data stored is in table format
* Multiple data accessible together
* Normalization is not achievable
* Data is stored in large amount
* RDBMS supports multiple users

DBMS:

* Data stored is in file format
* Individual data accessible
* There is normalization
* Data is stored in small amount
* DBMS supports single users

1. **What is API Testing**

**Ans.** Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention

1. **Types of API Testing**

**Ans.** There are mainly 3 types of API Testing

1) **Open APIs:** These types of APIs are publicly available to use like OAuth APIs

from Google. It has also not given any restriction to use them. So, they are

also known as Public APIs.

2) **Partner APIs:** Specific rights or licenses to access this type of API because

they are not available to the public.

3) **Internal APIs**: Internal or private. These APIs are developed by companies

to use in their internal systems. It helps you to enhance the productivity of

your teams.

1. **What is responsive testing**

**Ans.** A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet.

1. **Which types of tools are available for Responsive Testing**

**Ans.** LT Browser, Lembda Testing, Google Resizer, I am responsive, Pixel tuner

1. **What is the full form of .ipa, .apk**

**Ans.** .ipa- IPA files used for IOS apps that run on I phone, I pad and I touch devices. That is known as IOS app package.

.apk- Android application package. APK is the application file type used in the Android operating system, as well as a wide range in many other Android-based operating applications in mobile phones, video games & middleware for distribution and installation.

1. **How to create step for to open the developer option mode ON?**

**Ans.** Step 1- open about phone page(online in developer mode)

Step 2- open setting

Step 3- click on the developer options

Step 4- open developer options and click to USB debugging

Step 5- click ok to allow debugging