* What is RDBMS ?

its store data in the form of tables(rows and columns), with most commercial relational database management systems using Structured Query Language (SQL) to access the database.

* What is SQL?

Structured Query Language is a domain-specific language used in programming and designed for managing data held in a relational database management system.

* Write SQL Commandants?

1) DDL : Data Definition Lang. : create table, create database, use , truncate etc.

2) DML : Data Manipulation Lang. : insert , update, delete

3) DQL : Data Query Lang. : select

1. DCL/TCL : Data/Transnational Control Lang. : commit,rollback etc..

* What is join?

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

* Write type of joins?

(INNER) JOIN: Returns records that have matching values in both tables

LEFT (OUTER) JOIN: Returns all records from the left table, and the matched records from the right table

RIGHT (OUTER) JOIN: Returns all records from the right table, and the matched records from the left table

FULL (OUTER) JOIN: Returns all records when there is a match in either left or right table.

* How many constraint and describe it self?

primary key : unique + not null

foreign key : its depends on primary table

unique key : only unique value : blank allow

check : condition you should apply

not null : no to be blank

default : fixed value

index : when you searching some record at that time apply indexing.

* Difference between RDBMS VS DBMS?

DBMS: (Database management system): Manages database,provides an

Interface for interaction and ensures data integrity and security.

RDBMS:(Relational database management system ): A type of DBMS that

Organizes data into tables with predefined relationships. It enforces ACID

Properties (Atomicity, Consistency,isolation,durability).

* What is API Testing?

API Testing (application programming interface testing): testing the collection of software functions and procedures (API s) to ensure they work as expected. It involves testing API endpoints, data communication, and response validation.

* Type 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 license 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.

* What is Responsive Testing?

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

* What is the full form of IPA, .Apk ?

IPA: ios application archive (for ios apps).

APK: Android application package (for Android apps).

* **Which types of tools are available for Responsive Testing?**

Tools available for Responsive Testing:

Browser Stack

Cross Browser Testing

Responsinator

Chrome DevTools

Ghostlab

* How to create step for to open the developer option mode on? To check

Steps to open Developer options:

Android :go to setting ->about phone ->tap “build number” seven times.

IOS : not applicable. Ios doesn’t have a universal developer options mode like Android.