TESTING ON LIVE APPLICATION-MODULE 3

What is RDBMS
RDMS stands for Relational Database Management System.RDBMS is the basis for all modern database systems like MS SQL Server,IBM DB2,Oracle,MY SQL, and Microsoft Access.

What is SQL?
SQL is structured Query Language,Which is a computer language for storing,Manipulating and Retrieving data stored in relational databases.SQL is the standard language for Relational Database systems.

Write SQL commands.
DDL : Data Definition Language.
DML : Data Manipulation Language.
DCL : Data Control Language.
DQL : Data Query language

What is join?

Joining in SQL means retrieving data from two or more than two tables based on a common field. In other words, JOINs combine data from multiple tables in a result table based on a related column between those tables.

Write types of joins

1) Inner join
2) Left join
3) Right Join
4) Full join

Describe How many Constraints in SQL.
There are 7 constraints in SQL
1 NOT NULL
2 UNIQUE

3 CHECK
4 DEFAULT
5 INDEX
6 PRIMARY KEY
7 FOREIGN KEY

Difference Between RDBMS and DBMS.

RDBMS	DBMS
Data stored in a table format	Data stored in a file format.
Multiple Data elements can be accessible together	Individual access to data elements.
Data in the form of tables are linked together.	No connection Between Data.
Normalization is not achievable.	There is normalization.
Support Distributed database	No support for distributed databases.
Data is stored in a large amount.	Data stored in a small quantity.
RDBMS supports multiple users	DBMS supports a single user.
It features multiple layers of security while handling data.	There is low security while Handling data.
The Hardware and Software requirements are Higher	The hardware and Software Requirements are low.
Oracle,SQL Server	XML,Microsoft access.

What is API Testing?
Application Programming Interface (API) **is** a software interface that allows two applications to interact with each other without any user intervention. Another definition , API (Application Programming Interface) is a computing interface which enables communication and data exchange between two

separate software systems.

Explain Types of API Testing.
There are 3 Types of API testing.
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.
Partner APIs: Specific rights or licenses to access this type of API because they are not available to the public.
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.

Tools for API Testing
PostMan
SoapUI
Jmeter
VRest

What is Responsive Testing?
Responsive web design involves creating a flexible web page that is accessible from any device,starting from a mobile phone to a tablet.
a responsive web design improves users' browsing experience.

Which types of tools are available for responsive testing?
- LT Browser
- Lambda Testing
- Google Resizer
- I am Responsive
- Pixel Tuner

What is the full form of .ipa , .apk
.ipa ios App store package
.apk Android Application package file