Software Testing Assignment

Module 3

1. What is RDBMS?

RDBMS stands for **Relational Database Management System**. RDBMS is a program used to maintain a relational database. RDBMS is the basis for all modern database systems such as MySQL, Microsoft SQL Server, Oracle, and Microsoft Access.

2. What is SQL?

SQL stands for Structured Query language. SQL is the standard language for dealing with Relational Databases. SQL can be used to insert, search, update, and delete database records. SQL can do lots of other operations, including optimizing and maintenance of databases.

3. Write SQL Commands?

DDL – Data Definition Language

DML – Data Manipulation Language

DCL – Data Control Language

DQL – Data Query Language

4. What is SQL Join?

In SQL, JOIN clause is used to combine the records from two or more tables in a database.

5. Write type of joins.

INNER JOIN: returns rows when there is a match in both tables.

LEFT JOIN: returns all rows from the left table, even if there are no matches in the right table.

RIGHT JOIN: returns all rows from the right table, even if there are no matches in the left table.

FULL JOIN: returns rows when there is a match in one of the tables.

6. Difference between RDBMS vs. DBMS.

DBMS	RDBMS
DBMS stores data as a file.	RDBMS is stored in the form of tables.
DBMS supports single user.	RDBMS supports multiple users.
DBMS does not support client-server architecture.	RDBMS supports client-server architecture.
DBMS has low software and hardware requirements.	RDBMS has higher hardware and software requirements.
In DBMS, data redundancy is common	In RDBMS, keys and indexes do not allow data redundancy.

7. 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.
API (Application Programming Interface) is a computing interface which enables communication and data exchange between two separate software systems.

8. Types of API Testing?

There are mainly 3 types of API Testing.

Open APIs: These types of APIs are publicly available to use like Oath 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.

9. 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. Furthermore, a responsive web design improves users' browsing experience.

10.   Which types of tools are available for Responsive Testing

- **LT Browser**
- **Lembda Testing**
- **Google Resizer**
- **I am responsive**
- **Pixel tuner**

11. What is the full form of .ipa, .apk

IPA: **International Phonetic Alphabet.**

APK: **Android Application Package.**

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

Step 1: Open mobile setting.
Step 2: Go to About phone option and click on.
Step 3: Go to Software information option and click on.
Step 4: Go to Build number option and click multiple time.
Step 5: then show the message on display "developer option enabled".