**Assignment\_3**

1. What is RDBMS?

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

MySQL, and Microsoft Access.

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

it's called relational because tables are related (joined) based on common fields.

2. What is SQL?

SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational database.

SQL is the standard language for Relation Database System. All relational database management systems like MySQL, MS Access, Oracle,

Sybase, Informix, postgres and SQL Server use SQL as standard database language.

3. Write SQL Commands

DDL – Data Definition Language

CREATE, ALTER, DROP, TRUNCATE

DML – Data Manipulation Language

INSERT, UPDATE, DELETE

DCL – Data Control Language

GRANT, REVOKE

DQL – Data Query Language

SELECT

4. What is join?

Join is a SQL command used to retrive data from multiple table with related information.

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. How Many constraint and describes it self

Primary keys - Primary keys are unique record identifiers and does not take null or duplicate data.

Not Null - Does not accept null values in column with Not null restrain.

Foreign key - It can reference primary key of another table. it also accept null value, duplicate value.

Unique Key- It also identify data uniquely from a table. Duplication is not accepted.

7. Difference between RDBMS vs DBMS

A Relational database management system (RDBMS) is a type of database management system (DBMS) that is based on the relational model

8. What is API Testing

API TESTINGis a software testing type that validates Application Programming Interfaces (APIs).

The purpose of API Testing is to check the functionality, reliability, performance, and security of the programming interfaces.

In API Testing, instead of using standard user inputs(keyboard) and outputs, you use software to send calls to the API, get output, and note down the system’s response

9. Types of API Testing

Open API

Partner API

Internal API

10. 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.

Responsive web design improves users’ browsing experience.

Considering this from a quality assurance perspective, a responsive web design requires thorough evaluation using a variety of devices before it is ready to go live.

11. Which types of tools are available for Responsive Testing

⚫ LT Browser

⚫ Lembda Testing

⚫ Google Resizer

⚫ I am responsive

⚫ Pixel tuner

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

APK file full form is (Android Application Package)

IPA file ful form is (iPhone application archive )

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

1 Go to "Settings"

2 Tap "About device" or "About phone"

3 Tap “Software information”

4 Tap “Build number” seven times. ...

5 Enter your pattern, PIN or password to enable the Developer options menu.

6 The "Developer options" menu will now appear in your Settings menu.