

Software Testing Assignment

Module – 3

1. What is RDBMS

Ans. RDBMS stands for Relational Database Management System. RDBMS is for SQL and other Modern Database System such as My SQL Server, Oracle and Microsoft Access etc.

2. What is SQL.

Ans. SQL stands for is Structured Query Language. In SQL it can store, retrieve and manipulate the data into the database.

3. Write SQL Commands.

Ans.

- SELECT - extracts data from a database
- UPDATE - updates data in a database
- DELETE - deletes data from a database
- INSERT INTO - inserts new data into a database
- CREATE DATABASE - creates a new database
- ALTER DATABASE - modifies a database
- CREATE TABLE - creates a new table
- ALTER TABLE - modifies a table
- DROP TABLE - deletes a table
- CREATE INDEX - creates an index (search key)
- DROP INDEX - deletes an index

4. What is join?

Ans. Join is used to combine data or row from the two or more different tables based on common field of the table.

5. Write type of joins?

Ans.

INNER JOIN: Returns record that have matching values in both tables.

LEFT JOIN: Returns all rows from the left table, and matched records from the right table.

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

6. How Many constraint and describes itself.

Ans.

1. **Primary Key :** Unique & Not Null, One Primary Key/Table.
2. **Default :** Set Default Value.
3. **Unique :** Not Duplicate, Null
4. **Check :** Validate the Column
5. **NOT NULL :** Column cannot be Null
6. **Foreign Key :** Refer the Primary Key of the other table.

7. Difference between RDBMS vs DBMS.

Ans.

No.	RDBMS	DBMS
1.	RDBMS Stand for Relational Database Management System.	DBMS stand for Database Management System.
2.	In RDBMS data is stored in the form of Tables	DBMS data stored as a file
3.	RDBMS support Multiple User	DBMS support Single User
4.	Its handle large amount of Data	Its handle small amount of data
5.	Ex. My SQL, Oracle	Ex. Foxpro

8. What is API Testing.

Ans. API means Application Programming Interface. Its a software that allows to application interact with each other without any user intervention.

9. Types of API Testing.

Ans. There are three 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.

10. 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.

11. Which types of tools are available for Responsive Testing?

Ans.

1. LT Browser
2. Lambda Testing
3. Google Resizer
4. I am responsive
5. Pixel tuner

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

Ans.

.IPA full form is iOS App Store Package.

.APK full form is Android Package Kit.

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

Ans.

1. Open Setting in Mobile
2. Then Scroll Down until you find the Developer Options
3. Then tap on Developer Options
4. Then tap on ON/OFF button at right side of screen
5. After the ON Developer Options it will display a message of Allow of Development Settings.