**Module – 3**

**(Testing on Live Application )**

## Q 1. What is RDBMS?

**Ans.** RBDMS 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, My SQL, and Microsoft Access.

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## Q 2. What is SQL?

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

## Q 3. Write SQL Commands.

**Ans.** There are four commands.

1. **DDL**  - Data Definition Language
2. **DML** - Data Manipulation Language
3. **DCL**  - Data Control Language
4. **DQL**  - Data Query Language

## Q 4. What is Join?

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

## Q 5. Write type of Joins.

**Ans.** INNER JOIN: Return 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.

## Q 6. How many constraint and describe it self.

**Ans.** There are seven constraints.

* Primary key : unique + not null
* Foreign key: it’s 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

## Q 7. Difference between RDBMS vs DBMS.

**Ans.**

|  |  |  |
| --- | --- | --- |
| NO | RDBMS | DBMS |
| 1 | RDBMS is the acronym for the Relational Database Management system. | DBMS stands for Database Management System. |
| 2 | In RDBMS, the data is stored in the form of tables. | In DBMS, the data is stored as a file. |
| 3 | RDBMS supports multiple users. | DBMS supports single users. |
| 4 | RDBMS support client-server architecture. | DBMS does not support client-server architecture. |

## Q 8. What is API Testing?

**Ans. Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention another definition.**

## Q 9. Types of API Testing.

**Ans. There are mainly 3 types of API Testing.**

**Open APIs: These types of APIs are publicly available to use like O Auth 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.**

## Q 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.**

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

**Ans. Here are tools**

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

## Q 12. What is the full form of .ipa , .apk ?

**Ans. Here are full forms**

**.ipa : iOS package App Store.**

**.apk : Android Application Package.**

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

**Ans. Step-1: Go to settings > About phone**

**Step-2: Scroll down to Built number**

**Step-3: Tap build number seven times & Tap on PIN for verification**

**Step-4: Once developer options are activated, we’ll see a message that reads, you are now a Developer.**