**Module 3 (Testing on Live Application)**

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

2) What is SQL

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

3) Write SQL Commands

DDL – Data Definition Language  
DML – Data Manipulation Language  
DCL – Data Control Language  
DQL – Data Query Language

4) What is join?

* A join is an SQL operation performed to establish a connection between two or more database tables based on matching columns, thereby creating a relationship between the tables

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](https://www.geeksforgeeks.org/introduction-of-dbms-database-management-system-set-1/) stores data as file. | [RDBMS](https://www.geeksforgeeks.org/rdbms-architecture/) stores data in tabular form |
| Data elements need to access individually. | Multiple data elements can be accessed at the same time |
| No relationship between data. | Data is stored in the form of tables which are related to each other. |
| Normalization is not present. | Normalization is present |

7)What is API Testing

* **API Testing** is 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.

8)Types of API Testing

### ‍Unit testing

### Integration Testing

### Performance testing

### Load testing

### Runtime error detection

### Security testing

### Interoperability testing

### Validation Testing

9)What is Responsive Testing?

* Responsive testing involves how a website or web application looks and behaves on different devices, screen sizes, and resolutions.

10)Which types of tools are available for Responsive Testing

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

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

* APK file stands for (Android Application Package)
* IPA (iOS App Store Package) file is an iOS application archive file that stores an iOS app

12)How to create a step to open the developer option mode ON?

* Tap the Build Number option seven times until you see the message You are now a developer! This enables developer options on your device. Return to the previous screen to find Developer options at the bottom