

# Module - 3

## 1) What is RDBMS?

- The software used to store, manage, query, and retrieve data stored in a relational database is called a relational database management system.

## 2) What is SQL ?

- - SQL stands for Structured Query Language.
  - SQL lets you access and manipulate databases.

## 3) Write SQL Commands?

a) data definition language

- create,alter,drop,truncate,rename
  - b)data definition language
- create,alter,drop,truncate,rename
  - c)data query language
- select
  - d)data control language
- rollback,commit

#### 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?

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

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

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

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

6) How Many constraint and describes it self?

- Test constraint as any factor that inhibits the software testing process from achieving the desired levels of

performance. Test Design refers to test case content and test case size.

## 7) Difference between RDBMS vs DBMS?



	RDBMS	DBMS
1	Data stored is in table format.	Data stored is in the file format.
2	Data is stored in a large amount.	Data stored is a small quantity.
3	RDBMS supports multiple users.	DBMS supports a single user.
4	Support distributed database.	No support for distributed database.
5	Oracle, SQL Server.	XML, Microsoft Access.

## 8)What is API Testing?

- API testing is a type of software testing that analyzes an application program interface to verify that it

fulfills its expected functionality, security, performance and reliability. The tests are performed either directly on the API or as part of integration testing.

## 9) Types of API Testing?

- - Open APIs
  - Partner APIs
  - Internal APIs

## 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. Furthermore, a 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 ?

- BrowserStack's Responsive Tool allows a user to instantly test a website for responsiveness across various devices just by entering the website's URL in the designated space. A user can perform mobile responsive tests across multiple devices like iPhone 6, Nexus 4 and many more.

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

- IPA stands for iOS package App Store. An iOS app is a document with the file IPA extension that can be

downloaded only on IOS operating devices such as iPads, iPhones, iPod touch, Mac, etc. IPA files contain the app's compressed data in a ZIP file.

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

- **Step 1:** Go to *Settings > About phone*.
- **Step 2:** Scroll down to *Build number*.
- **Step 3:** Tap *Build number* seven times. After the first few taps, you should see the steps counting down until you unlock the developer options. You may also have to tap in your PIN for verification.
- **Step 4:** Once developer options are activated, you will see a message that reads, *You are now a developer*.
- **Step 5:** Go back to the *Settings* pane and head to *System*, where you will

now find *Developer options* as an entry.

- **Step 6:** Tap it and toggle the switch on if it is not already, and from there, you can proceed to make adjustments to your phone.