**Module 3**

**(Testing on live application)**

1. What is RDBMS.

* It is stands for Relational database management system. It is a program used to maintain a relational database. It is the basis for all modern database systems such as MySQL, Microsoft SQL server, Racal and Microsoft access.

1. What is SQL.

* It is stands for structured query language. It is programming language that is used to request information from databases SQL can be used to manage and share data in a relational database management system.

1. Write SQL commands.

* SELECT
* UPDATE
* DELETE
* INSERT INTO
* CREATE DATABASE
* ALTER DATABASE
* CREATE TABLE

1. What is join?

* JOIN is a command clause that combines records from two or more tables in database.
* is a means of combining data in fields from two tables by using values common to each table

1. Write type of joins.

* INNER JOIN
* OUTER JOIN
* CROSSJOIN
* SELF JOIN

1. How many constraint and describe it self.

NULL constraints NOT NULL constraints prevent null values from being entered into a column. Unique constraints IT is ensure that the values in a set of columns are unique and not null for all rows in the table. Primary key constraints You can use primary key and foreign key constraints to define relationships between tables. Check constraints check constraints is a database rule that specifies the values allowed in one or more columns of every row of a table.

* Foreign key constraints: It enable definition of required relationships Betweenane within table.

1. Difference between RDBMS vs DBMS.

|  |  |
| --- | --- |
| RDBMS | DBMS |
| In RDBMS data are stored in a tabular form | In DBMS data are store as a file. |
| It is stands for Relational database management system. | It is stands for database management system |
| RDBMS supports client server architecture. | It is does not support client server architecture. |
| Ex: MY SQL, SQL ,Oracal ,  postgre | Ex: file systems etc. |

1. What is API testing?

It is type of software testing that aims to determines whether the APIs that are developed meet expectations when it comes to functionality, performance, reliability and security for an application.

1. Types of API testing.

UI testing..

Functional testing..

Load testing

Runtime and error detection

API hacking

Security testing.

1. What is responsive testing?

. It is a process that renders web pages on viewports of multiple devices

using CSS media queries based on the user device where the website is

accessed.

. It simple terms, it ensure how responsive web design is optimized well for

all types of screen sizes and resolutions.

1. Which types of tools are available for responsive testing.

* LT browser
* Lambda testing
* Google resize
* I am responsive
* Pixel tuner

1. What is the full form of IPA & APK
   * IPA : IOS package app store
   * APK : android application package.
2. How to create step for to open the developer option mode ON?

* GO to settings > about phone
* scroll down to build number.
* tap build number seven times. After the 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.
* Once developer options are activated, you will see a message that reads , you are now a developer.
* go back to the settings pane and head to system , where you will now find developer option.
* tap to toggle to turn it’s on.