**Module 3(Testing on live application)**

Q 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,Oracal and Microsoft access.

Q.2 What is SQL.

It is stands for structured query language.

It is programming language that is used to request information from database

SQL can be used to manage and share data in a relational database management system.

Q .3 Write SQL commands.

SELECT

UPDATE

DELETE

INSERT INTO

CREATE DATABASE

ALTER DATABASE

CREATE TABLE

Q .4 What is join?

JOIN is a command clause that combines records from two or more tables in database.

It is a means of combining data in fields from two tables by using values common to each table.

Q .5Write type of joins.

INNER JOIN

OUTER JOIN

CROSSJOIN

SELF JOIN

Q.6 How many constraint and describe it self.

Not 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🡪 A 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 between and within table.

Q.7 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:MYSQL,sql,oracal,  postgre | Ex: file systems,XML etc. |

Q.8What 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.

Q.9 Types of API testing.

* UI testing..
* Functional testing..
* Load testing
* Runtime and error detection
* Api hacking
* Security testing.

Q.10 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.

Q .11 Which types of tools are available for responsive testing.

LT browser

Lambda testing

Google resizer

I am responsive

Pixel tuner

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

.ipa🡪IOS package app store

.apk 🡪 android application package.

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 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 option.

Step 6: tap to toggle to turn it’s on.