Assignment of Module - 4

1. What is RDBMS ?

➜ RDBMS – Relational Database Management System.

➜ RDBMS is the basis for SQL, and for all modern database systems.

2. What is SQL ?

➜ SQL – Structured Query Language

➜ SQL is a language of database, it includes database creation, deletion, fetching rows and modifying rows etc.

3. Write SQL Commands

➜ 1)DDL -> data definition language

➜ =>create, alter, drop, truncate, rename

➜ 2)DML -> data manipulation language

➜ =>insert, update, delete

➜ 3)DQL -> data query language

➜ =>select

➜ 4)DCL -> data control language

➜ =>rollback, commit

4. What is join?

➜ Join creates a new result table by combining column values of two tables based upon the join-predicate.

5. Write type of joins.

➜ There is four type of join:

1) Inner join
2) Left join
3) Right join
4) Full join

6. How Many constraint and describes it self

➜

7. Difference between RDBMS vs DBMS

➜ RDBMS – RDBMS is store data in table.

➜ DBMS – DBMS is store the data and manage that data.

8. What is an SQL alias?
➔

9. Write a query to create the table in Structured Query Language.
➔ CREATE TABLE info(id int PRIMARY KEY AUTO_INCREMENT,name varchar(40))

10. Write a query to insert data into table.
➔ insert into tablename (database Field nm) values ('control value')

11. Write a query to update data into table with validations.
➔ update myproduct set quantity='10' where id='2'

12. Write a query to delete data from table with validations.
➔ delete from mydata where id='2'

13. Write a query to insert new column in existing table

➔ insert into tablename (column name varchar(40))

14. Write a query to drop table and database.

➔ DROP TABLE Tablename

➔ DROP DATABASE databasename

15. Write a query to find max and min value from table

➔ SELECT MAX(column_name) AS max_value, FROM table_name

➔ SELECT MIN(column_name) AS min_value, FROM table_name

16. Create two tables named Seller and Product apply foreign key in product table Fetch data from both table using different joins.

➔ SELECT*FROM product JOIN seller ON product.seller_id = seller.seller_id

➔ SELECT*FROM product FULL JOIN seller ON product.seller_id = seller.seller_id

➔ SELECT*FROM product RIGHT JOIN seller ON product.seller_id = seller.seller_id

➔ SELECT*FROM product LEFT JOIN seller ON product.seller_id = seller.seller_id

17. What is API Testing ?

➜ API - Application Programming Interface

➜ API testing is a software interface that allows two applications to interact with each other without any user intervention

➜ API is a computing interface which enables communication and data exchange between two separate software systems.

18. Types of API Testing

➜ There is three types of API testing:
  ⇨ Open API
  ⇨ Partner API
  ⇨ Internal API

19. 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 user's browsing experience.

20. Which types of tools are available for Responsive Testing.
➔ LT Browser
➔ Lembda Testing
➔ Google Resizer
➔ I am responsive
➔ Pixel tuner

21. What is the full form of .ipa, .apk
➔ ipk – ipkg Package
➔ apk – Android Package Kit

22. How to create step for to open the developer option mode ON?
➔ 1. Open phone's setting
   2. Open 'About device' page
   3. Open 'version' page
   4. Click seven time on 'Version No.'
   5. If ask for password then Enter phone's password.