

Q.1 What is RDBMS?

Answer :

RDBMS stands for relational database management system.

It is a type of database management system

That organise data into structured table.

It is uses SQL for defining, manipulating and querying data .

Q.2 What is SQL?

Answer :

SQL stand for structured query language.

SQL is a standardized programing language.

Used for managing and manipulating relational database.

Q.3 Write a SQL command.

Answer:

There are 4 types of SQL command.

1. DDL - data defination language:

Operation :

Create, Alter, Drop

2. DML - data mani pulation language:

Operation :

insert, update and delete

3. DCL - data control language :

Operation :

GRANT, REVOKE

4. SQL - data query language.

Operation:

Select

Q.4 What is join?

Answer :

A join is a way to combine rows from two or more tables based on related column between them.

Join allows you to retrieve data from multiple tables in relational database.

Q.5 write types of join.

Answer :

There are 4 types of join list given below:

1. Join (INNER JOIN) :

return results or data from both tables have common.

2. Right join :

return all the records or data from right table and also common in both tables. If there is no common record found in left table it returns null.

3. Left join :

returns all the records or data from left table and also common in both tables. If there is no common records found in right table it returns null.

4. Full join:

Returns all the records and data from both tables.

Q.6 How many constraint and describes it?

Answer:

1. **Not Null** : it is specified each column not have a null value
2. **Unique Key**: it ensures all value in column are different
3. **Primary key**: it is a combination of Not NULL and UNIQUE KEY. That specified each rows are unique in tables
4. **Foreign key** : it is prevent action that destroy links between 2 tables
5. **Default** : it is set default value for each column, if no value specified
6. **Create_index** : it is used create and retrieve data from database very quickly

Q.7 Difference between DBMS and RDBMS

Answer:

| DBMS | RDBMS |
|--|---|
| DBMS stores data as a file | RDBMS 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 stored in the form of tables which are related to each other |
| DBMs does not support distributed database | RDBMS support distributed database |
| it deals with small quantity of data | it deals with large amount of data |
| it is use for handle small amount of data | it is used for handle large amount of data |
| it support single user | it support multiple user |
| security is less | more security measures provided |
| example : XML | example : MYSQL |

Q.8 what is API testing?

Answer :

There is 2 system or application.

One system interface or data exchange via API to other system.

API takes request from one system and send same request to other system.

Other system send response and same response send to first system.

Here API work as a mediator.

Tools : postman, jmeter.

Q.9 types of API testing**Answer :**

There is 3 type of API testing list given below:

1. Open APIs(public APIs):

These types of APIs are publicly available to use like OAuth APIs from Google.

2. Internal APIs(private):

These APIs are developed by companies to use in their internal system.

3. Partner APIs:

these types of APIs for access required specific licenses or rights.

Q. 10 What is responsive testing?**Answer :**

Response testing is often referred to as responsive design testing.

In this testing evaluating how a web application or websites behaves on different devices, different screen size, and different display.

Q. 11 which types of tools are available for responsive testing?**Answer :**

1. Am I responsive
2. Browserstack
3. Responsinator
4. Google Chrome developer tools
5. Cross browser testing
6. Lambda test
7. Responsive design checker
8. Screenfly
9. Browserstack live
10. Viewport resizer

Q.12 What is the full form of .ipa and .apk?**Answer:**

.apk - Android package kit

.ipa - iOS app Store package

Q. 13 How to create step for to open the developer mode option ON to check?

Answer:

Open setting

Click on about phone

Click on version or kernel

Click 3 times on build number

To check developer option is on:

Back to setting

Search developer option