

Study Flashcards

1.

In a SELECT statement, the WHERE clause is used to retrieve rows from _____.

- a. Server RAM to client end
- b. Server RAM to server disk
- c. Server disk to server RAM**
- d. Client RAM to server end

2.

Evaluate this SQL statement: SELECT ename, sal, 12*sal+100 FROM EMP; The SAL column stores the monthly salary of the employee. Which change must be made to the above syntax to calculate the annual compensation as "monthly salary plus a monthly bonus of \$100, multiplied by 12"?

- a. No change is required to achieve the desired results.
- b. SELECT ename, sal, 12*(sal+100) FROM emp;**
- c. SELECT ename, sal, (12*sal) +100 FROM emp;
- d. SELECT ename, sal+100,*12 FROM emp;

6.

The query associated with a cursor is executed in

- 1. Declare phase
- 2. Open phase**
- 3. Fetch phase
- 4. Close phase

8.

Rollback and Commit affect

- a. Only DML statements**
- b. Only DDL statements
- c. All SQL statements executed

10.

You define a multiple-row subquery in the WHERE clause of an SQL query with a comparison operator "=" What happens when the main query is executed?

- a. the main query executes with the first value returned by the subquery
- b. the main query executes with the last value returned by the subquery
- c. the main query executes with all the values returned by the subquery
- d. The main query fails because the multiple-row subquery cannot be used with the comparison operator.**

13.

Which of the following statements is true about while loops?

- a. Explicit exit statements are required in while loops.
- b. Counter variables are required in while loops.
- c. An if-then statement is needed to signal when a while loop should end.
- d. All exit conditions for while loops are handled in the exit when clause.

14.

Evaluate the SQL statement:- SELECT ROUND (TRUNCATE (MOD (1600, 10),-1), 2) FROM dual;

What will be displayed?

- a. 0
- b. 1
- c. 100
- d. AN ERROR STATEMENT

17.

Which of the following is an invalid rollback statement in MySQL?

- a. ROLLBACK;
- b. ROLLBACK WORK;
- c. ROLLBACK TO SAVEPOINT A;
- d. None of the above

19.

Update If Correct is an approach for which of the following concepts in MongoDB:

- a. Concurrency Control
- b. Transaction Management
- c. Atomicity
- d. Performance Management

21.

_____ loop if used properly can be used to ensure that the statements within the loop are executed iteratively but at least once.

- a. Repeat
- b. While loopend loop;
- c. for I in 1..10 loop end loop;
- d. All of the above

25.

Point out the wrong statement.

- a. NoSQL databases are built to allow the insertion of data without a predefined schema
- b. NewSQL databases are built to allow the insertion of data without a predefined schema
- c. Non Relational databases require that schemas be defined before you can add data
- d. All of the mentioned

26.

CHAR() function

- a. Accepts a number & returns the character
- b. Accepts a character & returns the number
- c. Accepts a number & returns the number
- d. None of the above

27.

To suppress the duplicate values, you can use the keyword _____.

- a. Distinct
- b. Unique
- c. Either of the above
- d. None of the above

28.

Identifiers in MySQL can contain upto _____ characters.

- a. 255
- b. 30
- c. 1000
- d. NONE

29.

Logical operator _____ has higher precedence than OR.

- a. NOT
- b. AND
- c. Both of the above
- d. None of the above

30.

How should a many-to-many relationship be handled?

- a. By adding a join table
- b. By adding an intersection table
- c. By adding union table
- d. By adding Cartesian table

31.

The MySQL blocks can contain _____ & _____ statements

- a. DML,DCL
- b. DML,DDL
- c. GRANT,REVOKE
- d. TCL,DML

33.

A COMMIT statement

- a. Saves the previous changes
- b. Saves the changes for the current session
- c. Saves the changes for all sessions
- d. None of the above

35.

_____ is a compulsory section of a MySQL block

- a. Declaration section marked by the keyword DECLARE
- b. Executable section marked by the keyword BEGIN END
- c. Exception section marked by the keyword EXCEPTION
- d. All of the above

36.

The value of INSTR('CALIFORNIA','A') is

- a. 2
- b. 1
- c. 10
- d. 9

38.

A collection and a document in MongoDB is equivalent to _____ concepts respectively.

- a. Table and column
- b. Table and row
- c. Row and column
- d. Database and table

40.

Choose the Incorrect option related to DBMS

- a. There is no Security of data
- b. Not support distributed database
- c. satisfy more than 8 rule of Dr. E.F. Codd
- d. none

3.

Dropping a table has the following effects on a non-unique index created for the table

- a. No effect
- b. The index will be dropped
- c. The index will be rendered invalid
- d. The index will contain NULL values

4.

_____ holds the definitions of all of the data tables.

- a. database
- b. data dictionary
- c. data mining
- d. data source

5.

A subquery can be used to _____.

- a. create groups of data
- b. sort data in a specific order
- c. convert data to a different format
- d. retrieve data based on an unknown condition

7.

Which of the following statement contain an error?

- a. Select * from EMP where EMPNO=493945;
- b. Select EMPNO from EMP where EMPNO=493945;
- c. Select EMPNO from EMP;
- d. Select EMPNO where EMPNO = 56949 and LASTNAME='SMITH';

9.

Omitting the WHERE clause from a DELETE statement has which of the following effects?

- a. The delete statement will fail because there are no records to delete.
- b. The delete statement will prompt the user to enter the criteria for the deletion.
- c. The delete statement will fail because of syntax error.
- d. The delete statement will remove all records from the table.

11.

Which one is a TCL (or DTL) statement?

- a. update
- b. TRUNCATE
- c. ALTER
- d. ROLLBACK

12.

The component of SQL that is used for granting and revoking privileges is known as _____.

- a. DDL
- b. DML
- c. DCL
- d. DQL

15.

_____ makes a string of certain length by adding a certain set of characters to the left

- a. LTRIM
- b. LPAD
- c. SUBSTR
- d. INSTR

16.

Which describes the default behaviour when you create a table?

- a. The table is accessible to all users.
- b. Tables are created in the public schema.
- c. Tables are created in your schema.
- d. Tables are created in the DBA schema.

18.

When we combine multiple columns in a single index, it is known as a _____ index.

- a. Composite
- b. Multiple
- c. Multicol
- d. Complicated

20.

You added a PHONE-NUMBER column of INT data type to an existing EMPLOYEES table. The EMPLOYEES table already contains records of 100 employees. Now, you want to enter the phone numbers of each of the 100 employees into the table some of the employees may not have a phone number available. Which data manipulation operation do you perform?

- a. MERGE
- b. INSERT
- c. UPDATE
- d. ADD

22.

In an RDBMS, another word for Column is _____.

- a. Row
- b. tuple
- c. attribute
- d. applet

23.

What kind of database MongoDB is?

- a. Graph Oriented
- b. Document Oriented
- c. Key Value Pair
- d. Column Based

24.

In MySQL if you need to deal with a group of rows, then you must place returned data into

- a. Select Statement
- b. Cursors
- c. Into clause
- d. Code storage

32.

The DUAL table has

- a. One row many columns
- b. One column and many Rows
- c. One row and One Column
- d. Many Rows and many columns

34.

The ____ operator is used for pattern matching.

- a. Distinct
- b. Like
- c. Group By
- d. Order By

37.

Comments in a MySQL code are inserted using

- a. --
- b. /* */
- c. BOTH A & B
- d. #

39.

What is the maximum size of a MongoDB document

- a. 2 MB
- b. 16MB
- c. 12MB
- d. There is no maximum size. It depends on the RAM