

IRC_RDBMS_D4_DML_KQ_MCQ

Test Summary

- No. of Sections: 1
- No. of Questions: 30
- Total Duration: 30 min

Section 1 - MCQ

Section Summary

- No. of Questions: 30
- Duration: 30 min

Additional Instructions:

None

Q1. The three language components of a database management system (DBMS) like DDL, DCL, DML. Two different types of people (users and practitioners) are concerned with them. Which of them do users of a DBMS usually deal with?

DDL

DML

DDL AND DCL

DCL AND DML

Q2. “INSERT” is same as “UPDATE”?

NO

YES

May be

None of the listed options

Q3. TRUNCATE statement in SQL is a

DML Statement

DDL Statement

DCL statement

TCL Statement

Q4. A table that displays data redundancies yields _____ anomalies.

Update

Insertion

Deletion

All of the listed options

Q5. Current syntax for Delete Query

Delete from tablename;

Delete * from tablename;

Delete column1, Column2, column(n) from tablename;

All of the listed options

Q6. What will be the output of this query UPDATE tab_name SET col1 = col1 + 1, col2 = col1;

col1 and col2 have different value

col1 and col2 have same value

col2 has original value of col1

None of the listed options

Q7. Which of the following columns in a table cannot be updated?

DATE type columns in the table

Columns that allows NULL values in the table

A primary key column which also serves as a foreign key reference in another table

All of the listed options

Q8. Given SQL statement is an example of
select * from table_name

DML

DDL

DCL

TCL

Q9. Which of the following statements are False about the DISTINCT keyword?

DISTINCT removes duplicates based on all the columns in the SELECT clause

The DISTINCT keyword can be used in SELECT and WHERE clauses

Usage of DISTINCT should be avoided as far as possible due to performance issues

None of the listed options

Q10. In the following MySQL command how many rows will be updated?

```
1 UPDATE person
2 SET lname='s',
3 fname = 'p'
4 WHERE person_id = 1;
5 /* person_id is a primary key which has a value 1*/
```

Double row

Single row

No row

None of the listed options

Q11. Correct syntax for Update Statement?

Update Table table_name Columns(Col1, Col2,Col3);

Update into table_name (Col1, Col2,Col3) VALUES (Val1,Val2,Val3);

Update table_name column Col_name=Value;

Update table_name Set Col_name=Value;

Q12. Which of the following is not included in DML (Data Manipulation Language)?

Insert

Update

Delete

Alter

Q13. Which of the following operation will be performed by DML commands?

Roll back and commit

Renaming a table

Revoke/Grant Permission

Updating a record

Q14. Which of the following statement(s) is/are true for UPDATE in SQL?

You can update only a single table using UPDATE command

You can update multiple tables using UPDATE command

In UPDATE command, you must list what columns to update with their new values (separated by commas).

To update multiple targeted records, you need to specify UPDATE command using the WHERE clause.

Q15. In SQL, which of the following is not a data Manipulation Language Commands?

Delete

Truncate

Update

Insert

Q16. The language used application programs to request data from the DBMS is referred to as _____

DML

DDL

Query language

All of the Mentioned

Q17. Which of the following is not a type of SQL statement?

Data Manipulation Language (DML)

Data Definition Language (DDL)

Data Control Language (DCL)

Data Communication Language (DCL)

Q18. In SQL, which command is used to add new rows to a table?

Alter Table

Add row

Insert

Append

Q19. A table that displays data redundancies yields _____ anomalies.

Update

Insertion

Deletion

All of the Mentioned

Q20. A type of query that is placed within a WHERE or HAVING clause of another query is called

Master query

Sub query

Super query

Multi-query

Q21. The three language components of a database management system (DBMS) like DDL, DCL, DML. Two different types of people (users and practitioners) are concerned with them. Which of them do users of a DBMS usually deal with?

DDL

DML

DDL and DCL

DCL and DML

Q22. Which of the following statements are TRUE about DISTINCT keyword?

DISTINCT removes duplicates based on all the columns in the SELECT clause

Usage of DISTINCT should be avoided as far as possible due to performance issues

Both A and B

None of the above

Q23. Which of the following statements are False about DISTINCT keyword?

DISTINCT removes duplicates based on all the columns in the SELECT clause

DISTINCT keyword can be used in SELECT and WHERE clauses

Usage of DISTINCT should be avoided as far as possible due to performance issues

None of the above

Q24. Which of the following columns in a table cannot be updated?

DATE type columns in the table

Columns which allows NULL values in the table

A primary key column which also serves as foreign key reference in another table

All of the above

Q25. Data manipulation language (DML) includes statements that modify the ____ of a database.

Structure

Data

User

Size

Q26. What is the syntax for the INSERT command to insert data into a table named "employees" with columns "name" and "age"?

INSERT INTO employees VALUES ('John', 30);

INSERT into employees (name, age) VALUES ('John', 30);

INSERT employees (30, 'John');

INSERT INTO name, age VALUES (employees, 'John', 30);

Q27. What is the syntax for the UPDATE command to modify the age of an employee named "John" in a table named "employees"?

UPDATE employees SET age = 30 WHERE name = 'John';

UPDATE age = 30 SET employees WHERE name = 'John';

UPDATE employees SET name = 'John' WHERE age = 30;

UPDATE employees SET age = 'John' WHERE name = 30;

Q28. What is the syntax for the SELECT command to retrieve data from a table named "employees" with columns "name" and "age"?

SELECT name, age FROM employees;

SELECT * FROM employees;

SELECT employees WHERE name = 'John';

SELECT age, name IN employees;

Q29. Which DML command is used to delete multiple rows from a table at once?

DELETE ALL

DELETE ROWS

DELETE FROM

DELETE TABLE

Q30. Which DML command is used to insert data into a table with a specific column order?

| |
|---------------|
| INSERT INTO |
| INSERT ORDER |
| INSERT VALUES |
| INSERT COLUMN |

Answer Key & Solution

Section 1 - MCQ

| | |
|----|--|
| Q1 | DML |
| | Solution |
| | No Solution |
| Q2 | NO |
| | Solution |
| | No Solution |
| Q3 | DDL Statement |
| | Solution |
| | No Solution |
| Q4 | All of the listed options |
| | Solution |
| | No Solution |
| Q5 | Delete column1, Column2, column(n) from tablename; |
| | Solution |
| | No Solution |
| Q6 | col1 and col2 have same value |
| | Solution |
| | No Solution |
| Q7 | A primary key column which also serves as a foreign key reference in another table |
| | Solution |
| | No Solution |
| Q8 | DML |
| | Solution |
| | No Solution |

Q9 The DISTINCT keyword can be used in SELECT and WHERE clauses

Solution

No Solution

Q10 Single row

Solution

No Solution

Q11 Update table_name Set Col_name=Value;

Solution

No Solution

Q12 Alter

Solution

No Solution

Q13 Updating a record

Solution

No Solution

Q14 You can update only a single table using UPDATE command

In UPDATE command, you must list what columns to update with their new values (separated by commas).

To update multiple targeted records, you need to specify UPDATE command using the WHERE clause.

Solution

No Solution

Q15 Truncate

Solution

No Solution

Q16 DML

Solution

No Solution

Q17

Data Communication Language (DCL)

Solution

No Solution

Q18

Insert

Solution

No Solution

Q19

All of the Mentioned

Solution

No Solution

Q20

Sub query

Solution

No Solution

Q21

DML

Solution

No Solution

Q22

Both A and B

Solution

No Solution

Q23

DISTINCT keyword can be used in SELECT and WHERE clauses

Solution

No Solution

Q24

A primary key column which also serves as foreign key reference in another table

Solution

No Solution

Q25

Data

Solution

No Solution

Q26

INSERT into employees (name, age) VALUES ('John', 30);

Solution

No Solution

Q27

UPDATE employees SET age = 30 WHERE name = 'John';

Solution

No Solution

Q28

SELECT name, age FROM employees;

Solution

No Solution

Q29

DELETE FROM

Solution

No Solution

Q30

INSERT COLUMN

Solution

No Solution