

WORKSHEET 6 SQL

Q1 and Q2 have one or more correct answer. Choose all the correct option to answer your question.

1. Which of the following are TCL commands?

- A. Commit
- B. Select
- C. Rollback
- D. Savepoint

ANS:- A) Commit, C) Rollback, D) Savepoint

2. Which of the following are DDL commands?

- A. Create
- B. Select
- C. Drop
- D. Alter

ANS:- A) Create, D) Alter

Q3 to Q10 have only one correct answer. Choose the correct option to answer your question.

3. Which of the following is a legal expression in SQL?

- A. SELECT NULL FROM SALES;
- B. SELECT NAME FROM SALES;
- C. SELECT * FROM SALES WHEN PRICE = NULL;
- D. SELECT # FROM SALES;

ANS:- B) SELECT NAME FROM SALES;

4. DCL provides commands to perform actions like-

- A. Change the structure of Tables
- B. Insert, Update or Delete Records and Values
- C. Authorizing Access and other control over Database
- D. None of the above

ANS:- C) Insert, Update or Delete Records and Values

5. Which of the following should be enclosed in double quotes?

- A. Dates
- B. Column Alias
- C. String
- D. All of the mentioned

ANS:- D) All of the mentioned

6. Which of the following command makes the updates performed by the transaction permanent in the database?

- A. ROLLBACK
- B. COMMIT
- C. TRUNCATE
- D. DELETE

ANS:- B) COMMIT

7. A subquery in an SQL Select statement is enclosed in:

- A. Parenthesis - (...).
- B. brackets - [...].
- C. CAPITAL LETTERS.
- D. braces - {...}.

ANS:- A) Parenthesis - (...).

8. The result of a SQL SELECT statement is a :-

- A. FILE

- B. REPORT
- C. TABLE
- D. FORM

ANS:- C) TABLE

9. Which of the following do you need to consider when you make a table in a SQL?

- A. Data types
- B. Primary keys
- C. Default values
- D. All of the mentioned

ANS:- D) All of the mentioned

10. If you don't specify ASC and DESC after a SQL ORDER BY clause, the following is used by ____?

- A. ASC
- B. DESC
- C. There is no default value
- D. None of the mentioned

ANS: D) None of the mentioned

Q11 to Q15 are subjective answer type questions, Answer them briefly.

11. What is denormalization?

ANS:- Denormalizations - the process of adding precomputed redundant data to an otherwise normalized relational database to improve read performance of the database.

12. What is a database cursor?

ANS:- CURSOR- Cursor is a Temporary Memory or Temporary Work Station. It is Allocated by Database Server at the Time of Performing DML(Data Manipulation

13. What are the different types of the queries?

ANS:- It is commonly accepted that there are three different types of search queries:

- **Navigational search queries.**
- **Informational search queries.**
- **Transactional search queries.**

14. Define constraint?

ANS:- A constraint is something that limits or controls what you can do. Their decision to abandon the trip was made because of financial constraints. Water shortages in the area will be the main constraint on development. Constraint is control over the way you behave which prevents you from doing what you want to do.

15. What is auto increment?

ANS:- Auto-increment allows a unique number to be generated automatically when a new record is inserted into a table. Often this is the primary key field that we would like to be created automatically every time a new record is inserted.

