

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

2. Which of the following are DDL commands?

- ☒ A. Create
- ☐ B. Select
- ☒ C. Drop
- ☒ 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;

The correct option is B. SELECT NAME FROM SALES;

A. SELECT NULL FROM SALES; is a legal SQL expression that selects a null value from the SALES table, but it may not be useful in most cases.

C. SELECT * FROM SALES WHEN PRICE = NULL; is not a legal SQL expression because the comparison operator for checking null values is "IS NULL" instead of "= NULL". The correct expression would be "SELECT * FROM SALES WHERE PRICE IS NULL;"

D. SELECT # FROM SALES; is not a legal SQL expression. The "#" character has no meaning in SQL syntax and cannot be used as an alias or column name.

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

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

- ☐ A. Dates
- ☐ B. Column Alias
- ☒ C. String
- ☐ 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

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

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

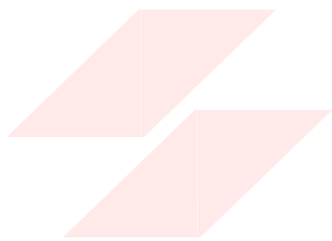
8. The result of a SQL SELECT statement is a :-

- ☐ A. FILE
- ☐ B. REPORT
- ☒ C. TABLE
- ☐ D. FORM

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
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 .

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

- 11. What is denormalization?
- 12. What is a database cursor?
- 13. What are the different types of the queries?
- 14. Define constraint?
- 15. What is auto increment?



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