

SQL (Structured Query Language) Quiz

1. What does the acronym SQL stand for?

- A. Standard Query Logic
- B. Structured Query Language
- C. Simple Query Layout
- D. System Query List

Answer: B

2. Which type of SQL language is used to define or change the structure of a database (like creating tables)?

- A. DML
- B. DCL
- C. DDL
- D. TCL

Answer: C

3. Which command is used to create a new table in a database?

- A. ADD
- B. BUILD
- C. CREATE
- D. INSERT

Answer: C

4. Which command is used to fetch or retrieve data from a table?

- A. GET
- B. SEARCH
- C. SELECT
- D. EXTRACT

Answer: C

5. Which DDL command is used to add, delete, or modify columns in an existing table?

- A. MODIFY
- B. ALTER
- C. UPDATE
- D. CHANGE

Answer: B

6. Which command is used to add new rows of data into a table?

- A. ADD
- B. UPDATE
- C. INSERT
- D. CREATE

Answer: C

7. Which command is used to remove all records from a table but keep the table structure?

- A. DROP
- B. DELETE
- C. TRUNCATE
- D. REMOVE

Answer: C

8. Which command completely removes a table and its definition from the database?

- A. TRUNCATE
- B. DELETE
- C. DROP
- D. ERASE

Answer: C

9. Which keyword is used to change existing data within a table?

- A. ALTER
- B. MODIFY
- C. UPDATE
- D. CHANGE

Answer: C

10. Which SQL clause is used to filter records based on a specific condition?

- A. WHEN
- B. WHERE
- C. WHILE
- D. IF

Answer: B

11. Which aggregate function is used to calculate the total number of rows in a table?

- A. TOTAL()
- B. SUM()
- C. COUNT()
- D. ADD()

Answer: C

12. Which function is used to find the highest value in a specific column?

- A. HIGH()
- B. TOP()
- C. MAX()
- D. BIG()

Answer: C

13. Which string function is used to combine two or more strings together?

- A. COMBINE()
- B. CONCAT()
- C. JOIN()
- D. GROUP()

Answer: B

14. In SQL, what is the default "Case Sensitivity" for keywords like SELECT and FROM?

- A. Case-sensitive
- B. Case-insensitive
- C. Lowercase only
- D. Uppercase only

Answer: B

15. Which character is used to represent a single-line comment in SQL?

- A. //
- B. #
- C. --
- D. /*

Answer: C

16. Which type of JOIN returns only the rows that have matching values in both tables?

- A. LEFT JOIN
- B. RIGHT JOIN
- C. INNER JOIN
- D. CROSS JOIN

Answer: C

17. Which JOIN returns all rows from the left table and matched rows from the right table?

- A. RIGHT JOIN
- B. INNER JOIN
- C. LEFT JOIN
- D. SELF JOIN

Answer: C

18. What is a "Subquery"?

- A. A query that runs after the main query.
- B. A query nested inside another SQL query.
- C. A query that deletes data.
- D. A query used to create users.

Answer: B

19. Which function is used to calculate the average value of a numeric column?

- A. MEAN()
- B. AVG()
- C. TOTAL()
- D. SUM()

Answer: B

20. Which command is used to remove specific rows from a table based on a condition?

- A. DROP
- B. REMOVE
- C. TRUNCATE
- D. DELETE

Answer: D

21. Which SQL data type is best for storing fixed-length text?

- A. INT
- B. CHAR
- C. FLOAT
- D. DATE

Answer: B

22. What does a "CROSS JOIN" produce?

- A. Only matching rows.
- B. A Cartesian product (all possible combinations) of rows.
- C. Only the rows from the first table.
- D. No results.

Answer: B

23. Which function is used to get the current system date and time?

- A. GETDATE()
- B. NOW()
- C. TODAY()
- D. TIME()

Answer: B

24. Which DML command is used to view data from a database?

- A. SHOW
- B. VIEW
- C. SELECT
- D. OPEN

Answer: C

25. Which function is used to convert all characters in a string to capital letters?

- A. UPPER()
- B. CAPITAL()
- C. MAX()
- D. BIG()

Answer: A