

SQL Questions and Answers

1. Subqueries can be nested multiple times?

☒ A: TRUE

2. The LIKE SQL keyword is used along with?

☒ A: WHERE clause

3. With SQL, how can you insert a new record into the 'Persons' table?

☒ C: INSERT INTO Persons VALUES ('Jimmy', 'Jackson')

4. How can you change 'Hansen' into 'Nilsen' in the 'LastName' column in the Persons table?

☒ B: UPDATE Persons SET LastName='Nilsen' WHERE LastName='Hansen'

5. How many tables may be included with a join?

☒ D: All of the mentioned options

6. What key is used to link two tables in MySQL?

☒ B: Foreign key

7. MySQL is a(n) _____ database management system?

☒ C: Relational

8. The clause that filters JOIN results is called _____?

☒ A: WHERE

9. Foreign keys cannot handle deletes and updates.

☒ B: False

10. Which SQL query gains table B from table A?

☒ D: SELECT department_code, employee_ID, name FROM A ORDER BY employee_ID;

11. The AUTO_INCREMENT column attribute is best used with which type?

☒ B: INT

12. Which SQL statement can insert a new row into the 'student' table?

☒ B: INSERT INTO student (stud_id, address, name, graduation) VALUES (101, '100 Happy Lane', 'Dave', '2001-06-14');

13. What is 'abc' in the following MySQL statement?

☒ B: column name

14. A view can refer to multiple tables via _____?

☒ D: JOIN

15. How many rows are included in the table gained as a result of execution of the following statement?

☒ B: 3

16. Which of these return a result to the client?

☒ A: Stored functions

17. Which of these is defined to execute when the table is modified only?

☒ C: Triggers

18. Which SQL statement extracts employee names whose salary is \$10000 or higher from the table 'human_resource'?

☒ D: SELECT employee_name FROM human_resource WHERE salary>=10000.

19. You need to ensure the query returns employees and their supervisors. Which JOIN clause to use?

☒ B: LEFT JOIN Employees s ON e.ReportsTo = s.EmployeeId.

20. How many values can be returned from a given stored function?

☒ B: 1

21. How many values can be returned from a stored procedure?

☒ A: 0

22. Which procedure parameter enables the caller to pass in a value and get back a value?

☒ C: IN OUT

23. Query to execute fastest when aggregating from two very large tables (Domestic and International SalesOrders)?

☒ A: SELECT COUNT(*) AS NumberOfSales, SUM(SalesAmount) AS TotalSalesAmount
FROM (SELECT SalesOrderId, SalesAmount FROM DomesticSalesOrders UNION ALL
SELECT SalesOrderId, SalesAmount FROM InternationalSalesOrders) AS p;

24. For which of the following are triggers not supported?

☒ D: views

25. Which statement is used to remove a trigger?

☒ C: DROP

26. The datatype SMALLINT stores _____?

☒ A: 16 bit

27. Which Numeric Data type has the largest range?

☒ C: Int

28. Which is TRIGGER in MySQL?

☒ A: All

29. What is the default format for 'Datetime' data type?

☒ A: YYYY-MM-DD HH:MI:SS

30. What is the data in a MySQL database?

☒ B: Tables