SQL Questions and Answers (Set 3)

1. Which clause is used to sort the result by one or more columns?

✅ C: ORDER BY

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. Which SQL gain table B from table A?

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

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

✅ D: All of the mentioned options

6. A function returns one value and has only output parameters?

✅ B: FALSE

7. Which of the following conditions has to be satisfied for INNER JOIN to work?

✅ B: Columns used for joining can have same or different name.

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

✅ A: WHERE

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

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

10. Which SQL statement can insert a new row in the 'student' table?

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

11. Which clause is used to filter groups?

✅ A: HAVING

12. Which is TRIGGER in Mysql?

✅ C: All

13. What is abc in the following MySQL statement?

✅ B: column name

14. What key is used to link two tables in Mysql?

✅ B: Foreign key

15. Views are not updatable?

✅ A: True

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

✅ B: INT

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

✅ C: 4

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. Which SQL statement can extract employee name's whose salary is $10000 or higher from the table 'human_resource'?

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

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

✅ D: views

25. Which statement is used to remove a trigger?

✅ C: DROP

26. In inner join, result is produced by matching rows in one table with rows in another table?

✅ A: True

27. Which Numeric Data type has the largest range?

✅ C: Int

28. You need to ensure the query returns a list of all employees and their respective supervisor. Which join clause to use?

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

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

✅ A: YYYY-MM-DD HH:MI:SS

30. Which query should you use for minimum time execution between two sales tables?

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