

SQL Questions and Answers (Set 2)

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

☒ C: Relational

2. What is the data in a MySQL database?

☒ B: Tables

3. The AUTO_INCREMENT sequences normally begin at _____?

☒ B: 1

4. The datatype SMALLINT stores _____?

☒ A: 16 bit

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

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

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

☒ B: FALSE

7. To create a database only if it doesn't already exist, which clause is used?

☒ B: IF NOT EXISTS

8. Which SQL gain table B from table A?

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

9. Which Numeric Data type has the largest range?

☒ C: Int

10. What is the default format for 'Date' data type?

☒ 10: YYYY-MM-DD

11. 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.

12. A View can be used to select a subset of the table columns?

☒ A: True

13. What is abc in the following MySQL statement?

☒ B: column name

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

☒ B: JOIN

15. Views are not updatable?

☒ A: True

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

☒ C: IN OUT

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

☒ C: Triggers

18. 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');

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

☒ C: ORDER BY

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

☒ B: 3

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

☒ D: views

25. Which statement is used to remove a trigger?

☒ C: DROP

26. 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.

27. Which Numeric Data type has the largest range?

☒ C: Int

28. Trigger is special type of _____ procedure?

☒ B: Stored

29. How can we specify a row-level trigger?

☒ C: Using FOR EACH ROW

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;