

1. Which SQL clause is used to combine rows from two or more tables?

- A) UNION
- B) JOIN
- C) GROUP BY
- D) ORDER BY

Answer: B

2. Which type of join returns only matching rows from both tables?

- A) LEFT JOIN
- B) RIGHT JOIN
- C) INNER JOIN
- D) FULL JOIN

Answer: C

3. Which join returns all rows from the left table and matching rows from the right?

- A) INNER JOIN
- B) LEFT JOIN
- C) RIGHT JOIN
- D) FULL JOIN

Answer: B

4. Which join returns all rows from the right table and matching rows from the left?

- A) INNER JOIN
- B) LEFT JOIN
- C) RIGHT JOIN
- D) FULL JOIN

Answer: C

5. Which join returns all rows when there is a match in one of the tables?

- A) FULL OUTER JOIN
- B) INNER JOIN
- C) CROSS JOIN
- D) LEFT JOIN

Answer: A

6. Which join produces the Cartesian product of two tables?

- A) INNER JOIN
- B) CROSS JOIN
- C) FULL JOIN
- D) SELF JOIN

Answer: B

7. Which join allows a table to join with itself?

- A) SELF JOIN
- B) CROSS JOIN
- C) INNER JOIN
- D) NATURAL JOIN

Answer: A

8. Which join automatically matches columns with the same name and datatype?

- A) NATURAL JOIN
- B) INNER JOIN
- C) CROSS JOIN
- D) LEFT JOIN

Answer: A

9. What is the default type of JOIN if no keyword is specified in SQL?

- A) LEFT JOIN
- B) RIGHT JOIN
- C) INNER JOIN
- D) FULL JOIN

Answer: C

10. Which SQL keyword is used to specify join condition?

- A) WHERE
- B) ON
- C) USING
- D) Both B and C

Answer: D

11. Which join is used to find unmatched rows from left table?

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

Answer: A

12. Which join is used to find unmatched rows from right table?

- A) LEFT JOIN
- B) INNER JOIN

- C) RIGHT JOIN
- D) CROSS JOIN

Answer: C

13. Which join can be used instead of WHERE clause in some cases?

- A) INNER JOIN
- B) NATURAL JOIN
- C) CROSS JOIN
- D) SELF JOIN

Answer: A

14. Which clause is mandatory in INNER JOIN?

- A) ON
- B) USING
- C) WHERE
- D) Either ON or USING

Answer: D

15. Which join returns all rows from both tables, with NULLs where no match?

- A) INNER JOIN
- B) LEFT JOIN
- C) FULL OUTER JOIN
- D) CROSS JOIN

Answer: C

16. Which join returns every possible pair of rows from two tables?

- A) CROSS JOIN
- B) FULL JOIN
- C) LEFT JOIN
- D) INNER JOIN

Answer: A

17. Which join is used when we want rows with equal column values from two tables?

- A) EQUI JOIN
- B) CROSS JOIN
- C) OUTER JOIN
- D) SELF JOIN

Answer: A

18. Which join is a type of INNER JOIN with equality condition?

- A) EQUI JOIN
- B) NATURAL JOIN
- C) CROSS JOIN
- D) OUTER JOIN

Answer: A

19. Which join uses comparison operators like >, < instead of = ?

- A) NON-EQUI JOIN
- B) EQUI JOIN
- C) NATURAL JOIN
- D) FULL JOIN

Answer: A

20. Which join is used to connect hierarchical data like employees and managers?

- A) SELF JOIN
- B) CROSS JOIN
- C) LEFT JOIN
- D) FULL JOIN

Answer: A

21. Which join is equivalent to combining LEFT and RIGHT JOIN results?

- A) FULL OUTER JOIN
- B) CROSS JOIN
- C) NATURAL JOIN
- D) SELF JOIN

Answer: A

22. What is the output of CROSS JOIN between A(3 rows) and B(4 rows)?

- A) 7 rows
- B) 12 rows
- C) 1 row
- D) Error

Answer: B

23. Which join is best to get only common records from both tables?

- A) INNER JOIN
- B) LEFT JOIN
- C) RIGHT JOIN
- D) FULL JOIN

Answer: A

24. Which join may introduce NULL values in results?

- A) INNER JOIN
- B) OUTER JOIN
- C) CROSS JOIN
- D) NATURAL JOIN

Answer: B

25. Which join does not require condition to execute?

- A) CROSS JOIN
- B) INNER JOIN
- C) NATURAL JOIN
- D) SELF JOIN

Answer: A

26. Which join is also called Cartesian join?

- A) CROSS JOIN
- B) NATURAL JOIN
- C) INNER JOIN
- D) FULL JOIN

Answer: A

27. Which SQL keyword can replace ON in some joins if column names are same?

- A) USING
- B) WHERE
- C) EQUAL
- D) JOINED BY

Answer: A

28. Which join may result in maximum number of rows?

- A) CROSS JOIN
- B) FULL JOIN
- C) LEFT JOIN
- D) INNER JOIN

Answer: A

29. Which join retrieves rows even if there is no matching row in other table?

- A) OUTER JOIN
- B) INNER JOIN
- C) CROSS JOIN

D) NATURAL JOIN

Answer: A

30. Which join is not supported in some older versions of MySQL?

A) FULL OUTER JOIN

B) LEFT JOIN

C) RIGHT JOIN

D) INNER JOIN

Answer: A

31. Which join can be replaced using UNION of LEFT and RIGHT JOIN?

A) FULL OUTER JOIN

B) CROSS JOIN

C) INNER JOIN

D) SELF JOIN

Answer: A

32. Which join always reduces number of rows compared to CROSS JOIN?

A) INNER JOIN

B) LEFT JOIN

C) FULL JOIN

D) SELF JOIN

Answer: A

33. Which join is used to compare tables for equality on key column?

A) INNER JOIN

B) EQUI JOIN

C) NATURAL JOIN

D) All of these

Answer: D

34. Which join may give duplicate rows if common columns are not unique?

A) INNER JOIN

B) LEFT JOIN

C) FULL JOIN

D) CROSS JOIN

Answer: A

35. Which clause is optional when columns have same name in NATURAL JOIN?

A) ON

- B) USING
- C) WHERE
- D) Both A and B

Answer: D

36. Which join can give same output as WHERE with equality condition?

- A) INNER JOIN
- B) CROSS JOIN
- C) FULL JOIN
- D) SELF JOIN

Answer: A

37. Which join is used in star schema queries in data warehouses?

- A) INNER JOIN
- B) OUTER JOIN
- C) CROSS JOIN
- D) SELF JOIN

Answer: A

38. Which join combines each row of a table with each row of another?

- A) CROSS JOIN
- B) FULL JOIN
- C) LEFT JOIN
- D) INNER JOIN

Answer: A

39. Which join always includes all rows from both tables?

- A) FULL OUTER JOIN
- B) INNER JOIN
- C) LEFT JOIN
- D) CROSS JOIN

Answer: A

40. Which join matches rows with same value in a given column?

- A) EQUI JOIN
- B) NATURAL JOIN
- C) INNER JOIN
- D) All of these

Answer: D

41. Which join can be applied between more than two tables?

- A) INNER JOIN
- B) LEFT JOIN
- C) CROSS JOIN
- D) All of these

Answer: D

42. Which join can be used with aggregate functions like SUM?

- A) INNER JOIN
- B) LEFT JOIN
- C) RIGHT JOIN
- D) All of these

Answer: D

43. Which join type is supported by default in all RDBMS?

- A) INNER JOIN
- B) FULL OUTER JOIN
- C) CROSS JOIN
- D) SELF JOIN

Answer: A

44. Which join can return more rows than individual tables?

- A) CROSS JOIN
- B) FULL JOIN
- C) LEFT JOIN
- D) INNER JOIN

Answer: A

45. Which join helps to find non-matching rows from both tables?

- A) FULL OUTER JOIN
- B) INNER JOIN
- C) LEFT JOIN
- D) CROSS JOIN

Answer: A

46. Which join is equivalent to set intersection?

- A) INNER JOIN
- B) LEFT JOIN
- C) FULL JOIN
- D) CROSS JOIN



Answer: A

47. Which join is equivalent to set union?

- A) FULL OUTER JOIN
- B) INNER JOIN
- C) CROSS JOIN
- D) NATURAL JOIN

Answer: A

48. Which join can create infinite recursion if not handled properly?

- A) SELF JOIN
- B) INNER JOIN
- C) CROSS JOIN
- D) FULL JOIN

Answer: A

49. Which join helps in hierarchical queries like employees and managers?

- A) SELF JOIN
- B) LEFT JOIN
- C) FULL JOIN
- D) CROSS JOIN

Answer: A

50. Which join requires join condition for meaningful output?

- A) INNER JOIN
- B) CROSS JOIN
- C) LEFT JOIN
- D) FULL JOIN

Answer: A