

SQL INTERVIEW QUESTION BANK

1. Write a query to **fetch all records from a table**.
2. Write a query to **fetch unique records** using DISTINCT.
3. Write a query to **filter records using WHERE** with multiple conditions.
4. Write a query to **sort records by salary in descending order**.
5. Write a query to **fetch top N records** from a table.
6. Write a query to **find employees with salary between X and Y**.
7. Write a query to **find employees whose name starts with 'A'**.
8. Write a query to **find NULL and NOT NULL values**.
9. Write a query to **find the highest salary** from an employee table.
10. Write a query to **find the second highest salary**.
11. Write a query to **find the third highest salary**.
12. Write a query to **find department-wise employee count**.
13. Write a query to **find department-wise maximum salary**.
14. Write a query to **find average salary of each department**.
15. Write a query to **find departments having more than 5 employees**.
16. Write a query to **count employees hired in each year**.
17. Write a query to **perform INNER JOIN** between two tables.
18. Write a query to **perform LEFT JOIN**.
19. Write a query to **perform RIGHT JOIN**.
20. Write a query to **find records present in one table but not in another**.
21. Write a query to **fetch employee details along with department name**.
22. Write a query to **find employees without a department**.
23. Write a query to **find employees earning more than average salary**.
24. Write a query to **find employees with maximum salary in each department**.
25. Write a query to **find departments with no employees**.
26. Write a query to **find the second highest salary using subquery**.

27. Write a query to **delete duplicate records** from a table.
28. Write a query to **create a table with PRIMARY KEY and UNIQUE constraint**.
29. Write a query to **add a FOREIGN KEY constraint**.
30. Write a query to **find duplicate records using GROUP BY and HAVING**.