

## **SQL Question**

### **BASIC SQL (DDL & DML):**

- Write an SQL query to create a table named students.
- Write a query to insert a single record into a table.
- Write a query to insert multiple records into a table.
- Write a query to display all records from a table.
- Write a query to select specific columns from a table.
- Write a query to rename a column using AS.
- Write a query to remove duplicate rows from a table.
- Write a query to delete all records from a table.
- Write a query to drop a table completely.
- Write a query to update a column value for a specific condition.

### **INTERMEDIATE SQL (Filtering, Sorting & Functions)**

- Write a query to fetch records using WHERE clause.
- Write a query using AND, OR, and NOT.
- Write a query to sort records using ORDER BY.
- Write a query to find the top 5 highest salaries.
- Write a query using BETWEEN.
- Write a query using IN.
- Write a query using LIKE with wildcards.
- Write a query to find COUNT, SUM, AVG, MIN, and MAX.
- Write a query using GROUP BY.
- Write a query using HAVING.

### **ADVANCED SQL (Joins, Subqueries & Window Functions)**

- Write a query to perform an INNER JOIN between two tables.
- Write a query to perform a LEFT JOIN.
- Write a query to perform a RIGHT JOIN.
- Write a query to perform a FULL JOIN.
- Write a subquery to find employees earning more than average salary.
- Write a correlated subquery.
- Write a query using CASE WHEN.
- Write a query using ROW\_NUMBER() window function.
- Write a query using RANK() and DENSE\_RANK().
- Write a query to find the second highest salary from a table.