**SQL Assessment: (Kaavya Vyas Answers)**

**Q1.**

1. SELECT \* FROM Worker

ORDER BY FIRST\_NAME ASC, DEPARTMENT DESC;

1. SELECT \* FROM Worker

WHERE FIRST\_NAME IN ('Vipul', 'Satish');

1. SELECT \* FROM Worker

WHERE FIRST\_NAME LIKE '\_\_\_\_\_h';

1. SELECT \* FROM Worker

WHERE SALARY BETWEEN 100000 AND 300000;

1. SELECT FIRST\_NAME, LAST\_NAME, SALARY, DEPARTMENT, COUNT(\*)

FROM Worker

GROUP BY FIRST\_NAME, LAST\_NAME, SALARY, DEPARTMENT

HAVING COUNT(\*) > 1;

1. SELECT \* FROM Worker

LIMIT 6;

1. SELECT DEPARTMENT, COUNT(\*) AS TotalEmployees

FROM Worker

GROUP BY DEPARTMENT

HAVING COUNT(\*) < 5;

1. SELECT DEPARTMENT, COUNT(\*) AS TotalEmployees

FROM Worker

GROUP BY DEPARTMENT;

1. SELECT W1.FIRST\_NAME, W1.LAST\_NAME, W1.SALARY, W1.DEPARTMENT

FROM Worker W1

WHERE SALARY = (SELECT MAX(W2.SALARY) FROM Worker W2 WHERE W2.DEPARTMENT = W1.DEPARTMENT);

**Q2.**

1. SELECT \* FROM student;
2. SELECT StdName, DOB FROM student;
3. SELECT \* FROM student WHERE Percentage >= 80;
4. SELECT StdName, Stream, Percentage FROM student WHERE Percentage > 80;
5. SELECT \* FROM student WHERE Stream = 'Science' AND Percentage > 75;