**Ques.1. Write an SQL query to fetch the EmpId and FullName of all the employees working under the Manager with id – ‘986’.**

**SELECT EMPID,FULLNAME FROM EMPLOYEEDETAILS WHERE MANAGERID = ‘986’;**

**Ques.2. Write an SQL query to fetch the different projects available from the EmployeeSalary table.**

**SELECT DISTINCT(PROJECT) FROM EMPLOYEESALARY;**

**Ques.3. Write an SQL query to fetch the count of employees working in project ‘P1’.**

**SELECT COUNT(\*) FROM EMPLOYEESALARY WHERE PROJECT = ‘P1’;**

**Ques.4. Write an SQL query to find the maximum, minimum, and average salary of the employees.**

**SELECT MAX(SALARY),MIN(SALARY),AVG(SALARY) FROM EMPLOYEESALARY;**

**Ques.5. Write an SQL query to find the employee id whose salary lies in the range of 9000 and 15000.**

**SELECT EMP\_ID FROM EMPLOYEESALARY WHERE SALARY BETWEEN 9000 AND 15000;**

**Ques.6. Write an SQL query to fetch those employees who live in Toronto and work under the manager with ManagerId – 321.**

**SELECT EMPID FROM EMPLOYEEDETAILS WHERE CITY = ‘Toronto’ AND MANAGERID = ‘321’;**

**Ques.7. Write an SQL query to** f**etch all the employees who either live in California or work under a manager with ManagerId – 321.**

**SELECT EMPID FROM EMPLOYEEDETAILS WHERE CITY = ‘California’ OR MANAGERID = ‘321’;**

**Ques.8. Write an SQL query to fetch all those employees who work on Projects other than P1.**

**SELECT EMPID FROM EMPLOYEESALARY WHERE PROJECT != ‘P1’;**

**Ques.9. Write an SQL query to display the total salary of each employee adding the Salary with Variable value.**

**SELECT EMPID, (SALARY+VARIABLE) FROM EMPLOYEESALARY;**

**Ques.10. Write an SQL query to fetch the employees whose name begins with any two characters, followed by a text “hn” and ends with any sequence of characters.**

**SELECT \* FROM EMPLOYEEDETAILS WHERE FULLNAME LIKE “\_\_hn%”;**

**Ques.11. Write an SQL query to fetch all the EmpIds which are present in either of the tables – ‘EmployeeDetails’ and ‘EmployeeSalary’.**

**SELECT EMPID FROM EMPLOYEEDETAILS**

**UNION**

**SELECT EMPID FROM EMPLOYEESALARY;**

**Ques.12. Write an SQL query to fetch common records between two tables.**

**SELECT \* FROM EMPLOYEEDETAILS**

**INNER JOIN EMPLOYEESALARY**

**ON EMPLOYEEDETAILS.EMPID = EMPLOYEESALARY.EMPID ;**

**Ques.13. Write an SQL query to fetch records that are present in one table but not in another table.**

SELECT \* FRPM EMPLOYEEDETAILS WHERE EMPID NOT IN (SELECT EMP\_ID FROM EMPLOYEESALARY);  
  
**Ques.14. Write an SQL query to fetch the EmpIds that are present in both the tables –   ‘EmployeeDetails’ and ‘EmployeeSalary.**

SELECT EMPLOYEEDETAILS.EMPID FROM EMPLOYEEDETAILS INNER JOIN EMPLOYEESALARY ON EMPLOYEEDETAILS.EMPID = EMPLOYEESALARY.EMPID ;

**Ques.15. Write an SQL query to fetch the EmpIds that are present in EmployeeDetails but not in EmployeeSalary.**

SELECT EMPID FROM EMPLOYEEDETAILS WHERE EMPID NOT IN (SELECT EMP\_ID FROM EMPLOYEESALARY);  
  
**Ques.16. Write an SQL query to fetch the employee’s full names and replace the space with ‘-’.**

SELECT REPLACE(FULLNAME, “ “, “-“) FROM EMPLOYEEDETAILS;  
  
**Ques.17. Write an SQL query to fetch the position of a given character(s) in a field.**

SELECT FULLNAME, POSITION(“S” IN FULLNAME) FROM EMPLOYEEDETAILS;  
  
**Ques.18. Write an SQL query to display both the EmpId and ManagerId together.**

SELECT EMPID,MANAGERID, CONCAT(EMPID,MANAGERID) FROM EMPLOYEESALARY;

**Ques.19. Write a query to fetch only the first name(string before space) from the FullName column of the EmployeeDetails table.**  
  
SELECT LEFT(FULLNAME, CHARINDX(‘ ‘, FULLNAME) -1) FROM EMPLOYEEDETAILS;

**Ques.20. Write an SQL query to uppercase the name of the employee and lowercase the city values.**

SELECT UPPER(FULLNAME), LOWER(CITY) FROM EMPLOYEEDETAILS;  
  
**Ques.21. Write an SQL query to find the count of the total occurrences of a particular character – ‘n’ in the FullName field.**

SELECT FULLNAME, POSITION(‘n’ IN FULLNAME) FROM EMPLOYEEDETAILS;  
  
**Ques.22. Write an SQL query to update the employee names by removing leading and trailing spaces.**

UPDATE EMPLOYEEDETAILS SET FULLNAME = (SELECT TRIM(‘ ‘, FULLNAME) FROM EMPLOYEEDETAILS);

**Ques.23. Fetch all the employees who are not working on any project.**

SELECT \* FROM EMPLOYEEDETIALS RIGHT JOIN EMPLOYEESALARY ON EMPLOYEEDETAILS.EMPID = EMPLOYEESALARY.EMPID WHERE EMPLOYEESALARY.ID = NULL ;  
  
**Ques.24. Write an SQL query to fetch employee names having a salary greater than or equal to 5000 and less than or equal to 10000.**

SELECT EMPLOYEEDETAILS.FULLNAME FROM EMPLOYEEDETAILS INNER JOIN EMPLOYEESALARY ON EMPLOYEEDETAILS.ID = EMPLOYEESALARY.EMPID

WHERE EMPLOYEESALARY.SALARY >= 5000 AND EMPLOYEESALARY.SALARY <= 10000;

**Ques.25. Write an SQL query to find the current date-time.**

SELECT GETDATE();

**Ques.26. Write an SQL query to fetch all the Employee** details from the **EmployeeDetails table who joined in the Year 2020.**

SELECT \* FROM EMPLOYEEDETAILS WHERE DATEOFJOINING LIKE ‘%2020’;

**Ques.27. Write an SQL query to fetch all employee records from the EmployeeDetails table who have a salary record in the EmployeeSalary table.**

SELECT \* FROM EMPLOYEEDETAILS WHERE EMPID IN (SELECT DISTINCT(EMPID) FROM EMPLOYEESALARY);

**Ques.28. Write an SQL query to fetch the project-wise count of employees sorted by project’s count in descending order.**

SELECT COUNT(PROJECTID) FROM EMPLOYEESALARY GROUPBY PROJECTID ORDER BY DESC;

**Ques.29. Write a query to fetch employee names and salary records. Display the employee details even if the salary record is not present for the employee.**

SELECT \* FROM EMPLOYEEDETAILS FULL JOIN EMPLOYEESALARY ON EMPLOYEEDETAILS.EMPID = EMPLOYEESALARY.EMPID;

**Ques. 30. Write an SQL query to fetch all the Employees who are also managers from the EmployeeDetails table.**

SELECT \* FROM EMPLOYEEDETAILS E1, EMPLOYEEDETAILS E2 WHERE E1.EMPID = E2.MANAGERID;