**Topic – SQL Task-1**

1. Get First\_Name from employee table using alias name “Employee Name”.

**SELECT firstname from employee as Emplyee\_Name;**

1. Get FIRST\_NAME, Joining year, Joining Month and Joining Date from employee table.

**SELECT firstname,**

**YEAR(joiningdate) AS JOINING\_YEAR,**

**MONTH(joiningdate) AS JOINING\_MONTH,**

**DAY(joiningdate) AS JOINING\_DAY**

**FROM employee;**

c) Get all employee details from the employee table order by First Name Ascending and Salary descending?

**SELECT \* FROM employee ORDER BY firstname;**

**SELECT \* FROM employee ORDER BY salary DESC;**

d) Get employee details from employee table whose first name contains „o‟.

**SELECT \* FROM employee WHERE firstname LIKE '%o%';**

e) Get employee details from employee table whose joining month is “January”.

**SELECT \* from employee where joiningdate like '%-01-%';**

f) Get department, total salary with respect to a department from employee table

Order By total salary descending.

**SELECT sum(salary), department FROM employee GROUP BY department DESC;**

g) Get department wise maximum salary from employee table order by salary ascending?

**SELECT max(salary), department FROM employee GROUP BY department;**

h) Select first\_name, incentive amount from employee and incentives table for those Employees who have incentives and incentive amount greater than 3000

**SELECT employee.firstname FROM employee JOIN incentives ON employee.employee\_id=incentives.employee\_ref\_id WHERE incentive\_amt > 3000;**

i) Select 2nd Highest salary from employee table.

**SELECT max(salary), firstname FROM employee AS 2nd\_Highest\_Salary WHERE salary < (SELECT MAX(salary) FROM employee);**

j) Select first\_name, incentive amount from employee and incentives table for all Employees who got incentives using left join.

**SELECT employee.firstname, incentives.incentive\_amt FROM employee LEFT JOIN incentives ON employee.employee\_id=incentives.employee\_ref\_id**

k) Create View OF Employee table in which store first name, last name and salary only.

**SELECT firstname,lastname, salary from employee;**

l) Create Procedure to find out department wise highest salary.

**SELECT max(salary), department FROM employee GROUP BY department;**

m) Create after Insert trigger on Employee table which insert records in view table.

**NA**

**Topic – SQL Task-2**

1. All orders for more than $1000.

**SELECT AMT FROM order\_ WHERE AMT>1000;**

1. Names and cities of all salespeople in London with commission above 0.10.

**SELECT sname,city,comm FROM sales\_person WHERE city="London" AND comm>0.10;**

1. All salespeople either in Barcelona or in London.

**SELECT sname,city FROM sales\_person WHERE city="London" OR city="Barcelona";**

1. All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

**SELECT \* FROM sales\_person WHERE comm > 0.10 AND comm <= 0.12;**

1. All customers with NULL values in city column.

**SELECT cname,city FROM customer WHERE city IS NULL;**

1. All orders taken on Oct 3rd and Oct 4th 1994.

**SELECT \* FROM tbl\_order WHERE ODE BETWEEN '1994-10-03' AND '1994-10-04';**

1. All customers serviced by peel or Motika.

**SELECT cname,sno FROM customer WHERE sno=1001 OR sno=1004;**

1. All customers whose names begin with a letter from A to B

**SELECT \* FROM customer WHERE cname LIKE 'A%' OR cname LIKE 'B%';**

1. All customers excluding those with rating <= 100 unless they are located in Rome.

**SELECT cname,city,rating FROM customer WHERE rating<=100 AND city="rome";**

1. All orders except those with 0 or NULL value in amt field.

**SELECT ONM FROM tbl\_order WHERE AMT IS NOT NULL;**

1. Count the number of salespeople currently listing orders in the order table.

**SELECT COUNT (DISTINCT SalesPerson) AS Total\_Sales\_Person FROM tbl\_order;**