a) Get First\_Name from employee table using alias name “Employee Name”

ans. SELECT FIRST\_NAME AS "EMPLOYEE NAME" FROM employee;

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

Ans.select FIRST\_NAME, day(JOINING\_DATE) as "joining\_date",month(JOINING\_DATE) AS "joining month", year(JOINING\_DATE) as "joining year" FROM employee;

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

Ans. SELECT \* FROM employee ORDER BY FIRST\_NAME AND SALARY DESC;

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

Ans. SELECT \* FROM employee WHERE FIRST\_NAME LIKE '%o%';

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

Ans. select \*from employee where monthname(JOINING\_DATE)='january';

f) Get department, total salary with respect to a department from employee table order By total salary descending.

Ans. SELECT DEPARTMENT, sum(SALARY) as salary FROM employee GROUP BY DEPARTMENT ORDER BY SALARY desc;

g) Get department wise maximum salary from employee table order by salary Ascending.

Ans. SELECT DEPARTMENT, MAX(SALARY) MAXSALARY FROM employee GROUP BY DEPARTMENT ORDER by SALARY ASC;

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

Ans. SELECT FIRSt\_NAME FROM employee LEFT JOIN incentives ON employee.EM\_ID=incentives.EMP\_REF\_ID WHERE INCENTIVE\_AMT>3000;

i) Select 2nd Highest salary from employee table.

Ans. SELECT \* FROM employee ORDER BY SALARY DESC LIMIT 1,1;

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

Ans. SELECT FIRST\_NAME,insentive\_id,EMP\_REF\_ID,INCENTIVE\_AMT,INCENTIVE\_DATE FROM employee LEFT JOIN incentives ON employee.EM\_ID=incentives.EMP\_REF\_ID;

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

Ans. CREATE VIEW employee\_data AS SELECT FIRST\_NAME,LAST\_NAME,SALARY FROM employee;

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

DELIMITER //

CREATE PROCEDURE get\_highest\_sal(IN dept VARCHAR(255))

BEGIN

SELECT DEPARTMENT,MAX(SALARY)

FROM employee

WHERE DEPARTMENT = dept GROUP BY DEPARTMENT;

END //

DELIMITER ;

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