

Draw the query graph and query tree for the following queries.

1. SELECT SSN
FROM EMPLOYEE;
2. SELECT LName, Address
FROM EMPLOYEE
WHERE Salary > 10000;
3. SELECT SSN, DNo
FROM EMPLOYEE
WHERE Salary > 10000 AND LName='Fox';
4. SELECT Fname, Address
FROM (EMP JOIN DEPT ON Dno=Dnumber)
WHERE Dname='Research';
5. SELECT DISTINCT ESSN
FROM WORKS_ON
WHERE (Pno, Hours) IN (SELECT Pno, Hours
FROM WORKS_ON
WHERE SSN='123456');
6. SELECT Pnumber, Dnum, Lname
FROM ((PROJ JOIN DEPT ON Dnum=Dnumber) JOIN EMPLOYEE ON MgrSSN=SSN)
WHERE Ploc='Delhi';
7. SELECT Pnumber, Pname
FROM PROJ, WORKS_ON
WHERE Pnumber=Pno
GROUP BY Pnumber;