➔ DBMS Queries 1 – 37, Submitted by – Sumit Kumar (1432)

Query.1: SELECT Eno, Ename, Job_type, Hire_date FROM EMPLOYEE;
Query.2: SELECT DISTINCT Job_type FROM EMPLOYEE;
Query.3: SELECT CONCAT(Ename,"," , Job_type) FROM EMPLOYEE;
Query.4: SELECT Eno AS THE_OUTPUT, Ename AS THE_OUTPUT, Job_type AS
THE_OUTPUT, Manager AS THE_OUTPUT, Hire_date AS THE_OUTPUT, Dno AS THE_OUTPUT,
Commission AS THE_OUTPUT, Salary AS THE_OUTPUT FROM EMPLOYEE;
Query.5: SELECT Ename, Salary FROM EMPLOYEE WHERE Salary > 2850;
Query.6: SELECT Ename, Dno FROM EMPLOYEE WHERE Eno = 790;
Query.7: SELECT Ename, Salary FROM EMPLOYEE WHERE Salary NOT BETWEEN 1500 AND
2850;
Query.8: SELECT Ename, Dno FROM EMPLOYEE WHERE Dno = 10 UNION SELECT Ename,
Dno FROM EMPLOYEE WHERE Dno = 30 ORDER BY Ename ASC;
Query.9: SELECT Ename, Hire_date FROM EMPLOYEE WHERE YEAR(Hire_date) =
YEAR(1981);
Query.10: SELECT Ename, Job_type FROM EMPLOYEE WHERE Manager IS NULL;
Query.11: SELECT Ename, Salary, Commission FROM EMPLOYEE WHERE Commission = 0;
Query.12: SELECT Salary, Commission FROM EMPLOYEE ORDER BY Salary DESC;
Query.13: SELECT Ename FROM EMPLOYEE WHERE Ename LIKE '___a%';
Query.14: (SELECT Ename FROM EMPLOYEE WHERE Ename LIKE '%r%r%' OR Ename LIKE
'%a%a%' AND Dno = 30) UNION (SELECT Ename FROM EMPLOYEE WHERE Ename LIKE '%r%r
%' OR Ename LIKE '%a%a%' AND Manager = 787);
Query.15: SELECT Ename, Salary, Commission FROM EMPLOYEE WHERE Commission >
(Salary + Salary*0.05);
Query.16: SELECT CURRENT_DATE(); //NOW() – also used aggregate function
Query.17: SELECT ADDDATE(DATE_ADD(Hire_date, INTERVAL 6 MONTH), INTERVAL (9-
DAYOFWEEK(DATE_ADD(Hire_date, INTERVAL 6 MONTH))) DAY) AS 1stMonday FROM
EMPLOYEE;
Query.18: SELECT Ename, 12*(YEAR(CURDATE())-YEAR(Hire_date))+
(MONTH(CURDATE())-MONTH(Hire_date)) AS Months FROM EMPLOYEE;
Query.19: SELECT CONCAT(Ename, " earns ", Salary, " monthly but wants ",
3*Salary) AS Dream_Salary FROM EMPLOYEE;
Query.20: SELECT CONCAT(Substring(UPPER(Ename),1,1),
Substring(LOWER(Ename),2,15)) AS ENAME, Length(Ename) AS Length_of_Name FROM
EMPLOYEE WHERE   Ename LIKE 'J%' OR Ename LIKE 'A%' OR Ename LIKE 'M%';
Query.21: SELECT Ename, Hire_date, DAYOFWEEK(Hire_date) FROM EMPLOYEE;
Query.22: SELECT E.Ename, D.Dname, E.Dno FROM EMPLOYEE AS E, DEPARTMENT AS D
WHERE E.Dno = D.Dno;
Query.23: SELECT Job_type FROM EMPLOYEE WHERE Dno = 30;
Query.24: SELECT E.Ename, D.Dname From EMPLOYEE E, DEPARTMENT D WHERE E.Dno =
D.Dno AND E.Ename LIKE '%a%';
Query.25: SELECT E.Ename, E.Job_type, D.Dno, D.Dname FROM EMPLOYEE AS E,
DEPARTMENT AS D WHERE E.Dno = D.Dno AND D.Location = 'Dallas';
Query.26: SELECT E.Ename, E.Eno, M.Ename AS MgrName, M.Eno AS MgrNo FROM
EMPLOYEE AS E LEFT JOIN EMPLOYEE AS M ON E.MgrName = M.Eno;
Query.27: SELECT E.Ename, E.Dno, E.Salary FROM EMPLOYEE AS E WHERE EXISTS
(SELECT Dno, Salary FROM EMPLOYEE WHERE Dno = E.Dno AND Salary = E.Salary AND
Commission > 0);
Query.28: SELECT Ename, REPEAT('*', Salary/100) AS Salary FROM EMPLOYEE;
Query.29: SELECT MAX(Salary), MIN(Salary), SUM(Salary), AVG(Salary) FROM
EMPLOYEE;
Query.30: SELECT Job_type, COUNT(Job_type) FROM EMPLOYEE GROUP BY Job_type;
Query.31: SELECT DISTINCT Manager FROM EMPLOYEE;

Query.32: SELECT D.Dname, D.Location, COUNT(*), AVG(E.Salary) FROM EMPLOYEE AS E DEPARTMENT AS D WHERE E.Dno = D.Dno GROUP BY D.Dno;
Query.33: SELECT Ename, Hire_date FROM EMPLOYEE WHERE Dno = (SELECT Dno FROM EMPLOYEE WHERE(Ename = 'Bravo'));
Query.34: SELECT Eno, Ename FROM EMPLOYEE WHERE Salary > (SELECT AVG(Salary) FROM EMPLOYEE);
Query.35: SELECT Eno, Ename FROM EMPLOYEE WHERE Ename LIKE '%t%';
Query.36: SELECT Ename, Salary FROM EMPLOYEE WHERE Manager IS NOT NULL;
Query.37: SELECT Dno, Ename, Job_type FROM EMPLOYEE NATURAL JOIN DEPARTMENT WHERE Dname = 'Sales';