**Q.1 Select unique job from EMP table.**

SELECT DISTINCT job FROM table1

**Q.2 List the details of the emps in asc order of the Dptnos and desc of Jobs?**

SELECT \* FROM table1 ORDER BY dptno ASC, job DESC;

**Q.3 Display all the unique job groups in the descending order?**

SELECT DISTINCT job FROM table1 ORDER BY job DESC;

**Q.4** **List the emps who joined before 1981.**

SELECT \* FROM ename WHERE hiredate< '1981-01-01';

**Q.5** **List the Empno, Ename, Sal, Daily sal of all emps in the asc order of Annsal.**

SELECT empno,ename,sal,sal/365 AS daily\_sal FROM table1 ORDER BY sal\*12 ASC;

**Q.6 List the Empno, Ename, Sal, Exp of all emps working for Mgr 7369.**

SELECT empno,ename,sal EXP FROM table1 WHERE mgr='7369';

**Q.7 Display all the details of the emps who’s Comm. Is more than their Sal?**

SELECT \* FROM table1 WHERE comm>sal;

**Q.8 List the emps who are either ‘CLERK’ or ‘ANALYST’ in the Desc order.**

SELECT \* FROM table1 WHERE job IN ('CLERK','ANALYST') ORDER BY job DESC;

**Q.9 List the emps Who Annual sal ranging from 22000 and 45000**

SELECT \* FROM table1 WHERE sal\*12 >= 22000 AND sal\*12 <= 45000;

**Q.10 List the Enames those are starting with ‘S’ and with five characters.**

List the Enames those are starting with ‘S’ and with five characters.

**Q.11 List the emps whose Empno not starting with digit78.**

SELECT \* FROM table1 WHERE empno NOT LIKE '78';

**Q.12 List all the Clerks of Deptno 20.**

SELECT \* FROM table1 WHERE job= 'CLERK' AND deptno= '20';

**Q.13 List the Emps who are senior to their own MGRS.**

SELECT \* FROM table1 WHERE empno> mgr;

**Q.14 List the Emps of Deptno 20 who’s Jobs are same as Deptno10.**

SELECT \*FROM table1 WHERE deptno=20 AND job IN (SELECT job FROM table1 WHERE deptno =10);

**Q.15** **List the Emps who’s Sal is same as FORD or SMITH in desc order of Sal.**

SELECT \* FROM table1 WHERE sal=(SELECT sal FROM table1 WHERE ename='FROD' OR ename= 'SMITH') ORDER BY sal DESC;

**Q.16 Any jobs of deptno 10 those that are not found in deptno 20.**

SELECT DISTINCT job FROM table1 WHERE deptno=10 AND job NOT IN (SELECT job FROM table1 WHERE deptno=20);

**Q.17 Find the highest sal of EMP table.**

SELECT MAX(sal) AS highest\_sal FROM table1;

**Q.18 Find details of highest paid employee.**

SELECT \* FROM table1 WHERE sal=(SELECT MAX(sal) FROM table1);

Q.

**Q.19 List the emps whose names contains ‘A’.**

SELECT \* FROM table1 WHERE ename LIKE '%A%';

**Q.20 Find all the emps who earn the minimum Salary for each job wise in ascending order.**

SELECT \*FROM table1 WHERE (job,sal) IN (SELECT job,MIN (sal) FROM table1 GROUP BY job) ORDER BY sal ASC;

**Q.21 List the emps whose sal greater than Blake’s sal.**

SELECT \* FROM table1 WHERE sal>(SELECT sal FROM table1 WHERE ename='Blake');

**Q.22 Create view v1 to select ename, job, dname, loc whose deptno are same.**

CREATE VIEW v1 AS

SELECT e.ename,e.job,d.dname

FROM table1 AS e LEFT JOIN dept AS d

ON e.deptno=d.deptno;

**Q.23 Create a Procedure with dno as input parameter to fetch ename and dname.**

CREATE PROCEDURE

getTable1AndDept(IN dno INT)

BEGIN

SELECT e.name,d.dname

FROM table1 e

JOIN dept d ON e.deptno=d.deptno

WHERE d.deptno=dno

END;

**Q.24 Add column pin with bigint data type in table student.**

ALTER TABLE student ADD pin BIGINT;

**Q.25 Modify the student table to change the same length from 14 to 40. Create trigger to insert data in emp\_log table whenever any update of sal in EMP table. You can set action as ‘New Salary’.**

ALTER TABLE student ALTER COLUMN same TYPE VARCHAR(40);

CREATE TRIGGER trriger

AFTER UPDATE of sal ON table1

FOR EACH ROW

INSERT INTO table1\_log(ACTION)

VALUES ('New salary');