MD. ABU TOWSIF

22-47019-1

1.

CREATE TABLE EXAM1(

DEPT\_ID NUMBER(3),

DEPT\_NAME VARCHAR2(6) CHECK (DEPT\_NAME IN('CSE','EEE','BBA','ENG','ACH')),

BUDGET NUMBER(6) DEFAULT(500),

PRIMARY KEY(DEPT\_ID)

)

2.

CREATE TABLE EXAM2(

CRS\_ID NUMBER(R),

CRS\_NAME VARCHAR2(20) NOT NULL,

DEPTID NUMBER(3),

PRIMARY KEY(CRS\_ID),

FOREIGN KEY DEPTID REFERENCES EXAM1(DEPT\_ID)

);

3.

SELECT DEPTNO,EMPNO

FROM EMP

WHERE EMPNO = 7566;

4.

SELECT ENAME,JOB ,HIREDATE AS "START DATE"

FROM EMP

WHERE HIREDATE BETWEEN '20-FEB-1981' AND '01-MAY-1981'

ORDER BY HIREDATE ASC;

5.

SELECT ENAME AS "EMPLOYEE NAME" , DEPTNO AS "DEPARTNAME NUMBER "

FROM EMP

WHERE DEPTNO IN (10,30)

ORDER BY ENAME ASC;

6.

SELECT ENAME,JOB,SAL AS "SALARY"

FROM EMP

WHERE JOB = 'CLERK'

OR JOB = 'ANALYST'

AND SAL NOT IN(1000,3000,5000);

7.

SELECT ENAME

FROM EMP

WHERE ENAME LIKE('%LL%')

AND DEPTNO IN(30)

OR MGR = 7782;

8.

SELECT ENAME

FROM EMP

WHERE ENAME LIKE('\_\_\_A%');

9.

SELECT DISTINCT JOB,D.LOC

FROM EMP E,DEPT D

WHERE E.DEPTNO IN (30)

AND E.DEPTNO = D.DEPTNO;

10.

SELECT E.ENAME,E.DEPTNO,D.LOC

FROM EMP E,DEPT D

WHERE E.COMM IS NOT NULL

AND E.DEPTNO = D.DEPTNO;

11.

SELECT E.DEPTNO,E.ENAME AS "EMPLOYESS",EE.ENAME AS "COLLEAGUE"

FROM EMP E JOIN EMP EE

ON(E.DEPTNO = EE.DEPTNO)

AND E.EMPNO<>EE.EMPNO;

12.

SELECT ENAME,DEPTNO,SAL

FROM EMP

WHERE SAL IN(SELECT SAL

FROM EMP

WHERE COMM IS NOT NULL)

AND DEPTNO IN(SELECT DEPTNO FROM EMP WHERE COMM IS NOT NULL);

13.SELECT DEPTNO

FROM EMP

GROUP BY DEPTNO

HAVING COUNT(\*) = (SELECT MAX(COUNT(\*))

FROM EMP

GROUP BY DEPTNO);

14.SELECT DEPTNO

FROM EMP

GROUP BY DEPTNO

HAVING COUNT(\*) = (SELECT MAX(COUNT(\*))

FROM EMP

GROUP BY SAL);

SELECT E.ENAME,E.DEPTNO,D.LOC

FROM EMP E,DEPT D

WHERE E.COMM IS NOT NULL

AND E.DEPTNO = D.DEPTNO;