SOLUTION

1.

SELECT \*

FROM DEPT;

2.

SELECT ENAME, JOB, HIREDATE, EMPNO

FROM EMP;

3

. SELECT ENAME, SAL AS 'MONTHLY',

(SAL\*12) AS 'ANNUAL SAL'

FROM EMP;

4

. SELECT (ENAME +', ' + JOB) AS 'EMPLOYEE AND TITLE'

FROM EMP;

5.

SELECT DISTINCT JOB

FROM EMP;

6.

SELECT ENAME, SAL

FROM EMP

WHERE SAL>2850;

7.

SELECT EMP.ENAME, DEPT.DEPTNO

FROM EMP, DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO

AND ENAME='SMITH';

8.

SELECT ENAME,JOB,HIREDATE

FROM EMP

WHERE HIREDATE BETWEEN '20-FEB-81' AND '01-MAY-81'

ORDER BY HIREDATE;

9.

SELECT EMP.ENAME, DEPT.DEPTNO

FROM EMP, DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO

AND DEPT.DEPTNO IN (10,30)

ORDER BY ENAME;

10.

SELECT ENAME,HIREDATE

FROM EMP

WHERE HIREDATE LIKE '%82';

11.

SELECT ENAME,JOB

FROM EMP

where MGR IS NULL;

12

SELECT CAST(GETDATE() AS DATE);.

13.

SELECT E1.ENAME

FROM EMP E1,EMP E2

WHERE E1.MGR=E2.EMPNO

AND E1.MGR < E2.MGR;

14.

SELECT COUNT(MGR)

FROM EMP;

15.

SELECT \*

FROM EMP

WHERE DEPTNO IN (20,30,40);

16

SELECT \*

FROM EMP

WHERE ENAME LIKE 'T%R';

17

SELECT ENAME,HIREDATE

FROM EMP

WHERE DEPTNO='30';

18

SELECT REPLACE(HIREDATE, '-' , '/ ') AS HIREDATE

FROM EMP;

19

> SELECT \*

FROM EMP

WHERE JOB='ANALYST'AND HIREDATE='1984-12-3';

20

select ename

from emp

where to\_char(hiredate,’mm’)=12

21

USE Training

SELECT DNAME AS 'Department Name', AVG(SAL\*12)

FROM DEPT

INNER JOIN EMP

ON EMP.DEPTNO = DEPT.DEPTNO

GROUP BY DEPT.DEPTNO , DNAME

ORDER BY DNAME;

22.

SELECT

COUNT(DEPTNO) AS 'DEPTCOUNT',

COUNT(COMM)AS 'COMMCOUNT' FROM

(SELECT

CASE WHEN DEPTNO=30 THEN 1 END DEPTNO,

CASE WHEN COMM IS NOT NULL THEN 1 END COMM

FROM EMP) EMP;

23

SELECT

AVG(SAL) AS 'AVG',

MIN(SAL) AS 'MINSAL',

MAX(SAL) AS 'MAXSAL'

FROM EMP

WHERE JOB IN ('CLERK','MANAGER')

GROUP BY JOB;

24

SELECT

EMP.DEPTNO

FROM EMP

WHERE JOB LIKE 'CLERK'

GROUP BY DEPTNO

HAVING COUNT(\*)>1;

25

SELECT

ENAME

FROM EMP

WHERE SAL<0.3\*(SELECT SAL

FROM EMP

WHERE JOB='PRESIDENT');

26

SELECT

COUNT(\*) AS 'COUNT'

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO

AND

DEPT.LOC='CHICAGO'

GROUP BY LOC;

27

SELECT

EMP.ENAME,

DEPT.LOC

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO

AND

DEPT.LOC='CHICAGO';

28.

SELECT EMP.ENAME,

DEPT.LOC

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO

ORDER BY LOC;

29

select count(distinct ename) as 'no of employee',count(distinct job) as 'no of job'

from emp;

30.

SELECT AVG(SAL) AS 'AVG SAL'

FROM EMP;

31.

SELECT COUNT(DISTINCT DEPTNO) AS 'NO OF DEPARTMENTS'

FROM DEPT;

/32

SELECT

DEPT.DEPTNO,

DEPT.DNAME,

DEPT.LOC,

SUM(EMP.SAL) AS TSAL,

SUM(EMP.COMM) AS TCOMM

FROM DEPT INN…

33.

SELECT ENAME,

JOB,

SAL\*12 AS'ANNUAL SALARY'

FROM EMP;

34

SELECT ENAME,

JOB,

COMM

FROM EMP

WHERE COMM IS NULL;

35

SELECT ENAME,

JOB,

COMM

FROM EMP

WHERE COMM IS NOT NULL;

36

SELECT ENAME,

JOB,

SAL

FROM EMP

WHERE ENAME LIKE '\_\_R%';

37

SELECT \*

FROM EMP

WHERE ENAME LIKE '\_\_\_\_\_';

-----------------------------

38

SELECT \*

FROM EMP

WHERE ENAME NOT LIKE '\_\_\_\_\_';

-------------------------------

39

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '%AR%';

40.

SELECT \* FROM EMP

WHERE DEPTNO = 30

ORDER BY SAL;

----------------------------------------

41.

SELECT ENAME,SAL

FROM EMP

WHERE SAL BETWEEN 1250 AND 1600;

-------------------------------------------------

42.

SELECT ENAME,SAL

FROM EMP

WHERE SAL NOT BETWEEN 1250 AND 1600;

------------------------------------------

43.

SELECT SUM(SAL) AS TOTAL\_SALARY

FROM EMP;

---------------------------------------------

44.

SELECT COUNT(JOB) AS JOB\_TITLES

FROM EMP

WHERE JOB IS NOT NULL;

-------------------------------------------------

45.

SELECT MAX(SAL) AS MAX\_SALARY,

MIN(SAL) AS MIN\_SALARY

FROM EMP;

46.

Emp #, Employee, Salary, Job, Date of Hire, Commission, Department No, MGR No.\*/

SELECT ENAME AS 'EMPLOYEE',

SAL AS 'SALARY',

job AS 'JOB',

HIREDATE AS 'DATE OF HIRE',

COMM AS 'COMMISSION',

DEPTNO AS 'DEPARTMENT NO',

MGR AS 'MGR NO'

FROM EMP;

47.

SELECT MIN(HIREDATE) AS 'EARLIEST DATE',

MAX(HIREDATE) AS 'LATEST DATE'

FROM EMP;

48

SELECT COUNT(EMPNO)

FROM EMP

WHERE DEPTNO = '10';

49.

SELECT EMP.ENAME,EMP.job,DEPT.LOC

FROM EMP

INNER JOIN DEPT ON DEPT.DEPTNO = EMP.DEPTNO

WHERE EMP.COMM > 10 AND DEPT.LOC = 'NEWYORK';