

## QUESTIONS ON OPERATORS

1) LIST ALL THE EMPLOYEES WHOSE COMMISSION IS NULL

```
SELECT ENAME  
FROM EMP  
WHERE COMM IS NULL;
```

2) LIST ALL THE EMPLOYEES WHO DON'T HAVE A REPORTING MANAGER

```
SELECT ENAME  
FROM EMP  
WHERE MGR IS NULL;
```

3) LIST ALL THE SALESMEN IN DEPT 30

```
SELECT ENAME  
FROM EMP  
WHERE JOB='SALESMAN' AND DEPTNO=30;
```

4) LIST ALL THE SALESMEN IN DEPT NUMBER 30 AND HAVING SALARY GREATER THAN 1500

```
SELECT ENAME  
FROM EMP  
WHERE JOB='SALESMAN' AND DEPTNO=30 AND SAL>1500;
```

5) LIST ALL THE EMPLOYEES WHOSE NAME STARTS WITH 'S' OR 'A'

```
SELECT ENAME  
FROM EMP  
WHERE ENAME LIKE 'S%' OR ENAME LIKE 'A%';
```

6) LIST ALL THE EMPLOYEES EXCEPT THOSE WHO ARE WORKING IN DEPT 10 & 20.

```
SELECT ENAME  
FROM EMP  
WHERE DEPTNO NOT IN(10,20);
```

7) LIST THE EMPLOYEES WHOSE NAME DOES NOT START WITH 'S'

```
SELECT ENAME  
FROM EMP  
WHERE ENAME NOT LIKE 'S%';
```

8) LIST ALL THE EMPLOYEES WHO ARE HAVING REPORTING MANAGERS IN DEPT 10

```
SELECT ENAME  
FROM EMP  
WHERE MGR IS NOT NULL AND DEPTNO=10;
```

9) LIST ALL THE EMPLOYEES WHOSE COMMISSION IS NULL AND WORKING AS CLERK

```
SELECT ENAME  
FROM EMP  
WHERE COMM IS NULL AND JOB='CLERK';
```

10) LIST ALL THE EMPLOYEES WHO DON'T HAVE A REPORTING MANAGER IN DEPTNO 10 OR 30

```
SELECT ENAME  
FROM EMP  
WHERE MGR IS NULL AND DEPTNO IN(10,30);
```

11) LIST ALL THE SALESMEN IN DEPT 30 WITH SAL MORE THAN 2450

```
SELECT ENAME  
FROM EMP  
WHERE JOB='SALESMAN' AND DEPTNO=30 AND SAL>2450;
```

12) LIST ALL THE ANALYST IN DEPT NUMBER 20 AND HAVING SALARY GREATER THAN 2500

```
SELECT ENAME  
FROM EMP  
WHERE JOB='ANALYST' AND DEPTNO=20 AND SAL>2500;
```

13) LIST ALL THE EMPLOYEES WHOSE NAME STARTS WITH 'M' OR 'J'

```
SELECT ENAME  
FROM EMP  
WHERE ENAME LIKE 'M%' OR ENAME LIKE 'J%';
```

14) LIST ALL THE EMPLOYEES WITH ANNUAL SALARY EXCEPT THOSE WHO ARE WORKING IN DEPT 30

```
SELECT ENAME,SAL*12 ANNUAL_SAL  
FROM EMP  
WHERE DEPTNO NOT IN 30;
```

15) LIST THE EMPLOYEES WHOSE NAME DOES NOT END WITH 'ES' OR 'R'

```
SELECT ENAME  
FROM EMP  
WHERE ENAME NOT LIKE '%ES' OR ENAME NOT LIKE '%R';
```

16) LIST ALL THE EMPLOYEES WHO ARE HAVING REPORTING MANAGERS IN DEPT 10 ALONG WITH 10% HIKE IN SALARY

```
SELECT ENAME, SAL+SAL*10/100
FROM EMP
WHERE MGR IS NOT NULL AND DEPTNO=10;
```

17) DISPLAY ALL THE EMPLOYEE WHO ARE 'SALESMAN'S HAVING 'E' AS THE LAST BUT ONE CHARACTER IN ENAME BUT SALARY HAVING EXACTLY 4 CHARACTER

```
SELECT ENAME
FROM EMP
WHERE JOB='SALESMAN' AND ENAME LIKE '%E_' AND SAL LIKE '____';
```

18) DISPLAY ALL THE EMPLOYEE WHO ARE JOINED AFTER YEAR 81

```
SELECT ENAME
FROM EMP
WHERE HIREDATE > '31-DEC-81';
```

19) DISPLAY ALL THE EMPLOYEE WHO ARE JOINED IN FEB

```
SELECT ENAME
FROM EMP
WHERE HIREDATE LIKE '%FEB%';
```

20) LIST THE EMPLOYEES WHO ARE NOT WORKING AS MANAGERS AND CLERKS IN DEPT 10 AND 20 WITH A SALARY IN THE RANGE OF 1000 TO 3000

```
SELECT ENAME
FROM EMP
WHERE JOB NOT IN('MANAGER','CLERK') AND DEPTNO IN(20,10) AND SAL
BETWEEN 1000 AND 3000;
```

21) LIST THE EMPLOYEES WHOSE SALARY NOT IN THE RANGE OF 1000 TO 2000 AND WORKING IN DEPT 10,20 OR 30 EXCEPT ALL SALESMEN

```
SELECT ENAME
FROM EMP
WHERE SAL NOT BETWEEN 1000 AND 2000 AND DEPTNO IN(10,20) OR DEPTNO=30
AND JOB !='SALESMAN';
```

22) LIST THE DEPARTMENT NAMES WHICH ARE HAVING LETTER 'O' IN THEIR LOCATIONS AS WELL AS THEIR DEPARTMENT NAMES

```
SELECT DNAME
FROM DEPT
WHERE LOC LIKE'%O%' AND DNAME LIKE'%O%';
```

23) DISPLAY ALL THE EMPLOYEES WHOSE JOB HAS STRING 'MAN' IN IT.

```
SELECT ENAME  
FROM EMP  
WHERE JOB LIKE '%MAN%';
```

24)LIST THE EMPLOYEES WHO ARE HIRED AFTER 82 AND BEFORE 87.

```
SELECT ENAME  
FROM EMP  
WHERE HIREDATE BETWEEN '01-JAN-83' AND '31-DEC-86';
```

25)WAQTD ALL THE DETAILS OF EMPLOYEES HIRED IN NOVEMBER AND DECEMBER.

```
SELECT *  
FROM EMP  
WHERE HIREDATE LIKE '%NOV%' OR HIREDATE LIKE '%DEC%';
```

26)LIST ALL THE EMPLOYEE NAMES AND COMISSION FOR THOSE EMPLOYEES WHO EARN COMISSION MORE THAN THEIR SALARY

```
SELECT ENAME,COMM  
FROM EMP  
WHERE COMM > SAL;
```

27)WAQTD NAME AND DESIGNATION FOR ALL THE EMPLOYEES HAVING REPORTING MANAGERS AND ALSO THRIE NAMES STARTING WITH 'S'

```
SELECT ENAME,JOB  
FROM EMP  
WHERE MGR IS NOT NULL AND ENAME LIKE 'S%';
```

28)WAQTD NAME AND SALARY OF ALL THE EMPLOYEES IF THEIR ANNUAL SALARY ENDS WITH '0' .

```
SELECT ENAME,SAL  
FROM EMP  
WHERE SAL*12 LIKE '%0';
```

29)WAQTD NAME OF THE EMPLOYEE HAVING ATLEAST 2L's IN HIS NAME .

```
SELECT ENAME  
FROM EMP  
WHERE ENAME LIKE '%L%L%';
```

30)WAQTD NAME OF THE EMPLOYEES WHOS NAME STARTS WITH A 'VOWEL'

```
SELECT ENAME  
FROM EMP  
WHERE ENAME LIKE 'A%' OR ENAME LIKE 'E%' OR ENAME LIKE 'I%' OR ENAME  
LIKE 'O%' OR ENAME LIKE 'U%';
```