**Oracle Lab 2.1**

**1.** SQL> SELECT staff\_name,LPAD(staff\_sal,15,'$') Salary

FROM

Staff\_master;

**2**. SQL> SELECT staff\_name,TO\_CHAR(staff\_dob,'Month,dd YYYY')

FROM staff\_master

WHERE (TO\_CHAR(staff\_dob,'d')=7 )OR( TO\_CHAR(staff\_dob,'d')=1);

**3.** SELECT staff\_name,ROUND(MONTHS\_BETWEEN((SYSDATE),hiredate)) AS "Months Worked"

FROM staff\_master

ORDER BY 2;

**4**. SELECT staff\_name,staff\_sal,RPAD('X',staff\_sal/1000,'X')

FROM staff\_master;

**5**. SELECT \*

FROM staff\_master

WHERE TO\_CHAR(hiredate,'MMDD')<1216

AND TO\_CHAR(hiredate,'MM')='12';

**6**. SELECT staff\_name,staff\_sal,

CASE

WHEN staff\_sal>=50000 THEN 'Grade A'

WHEN staff\_sal>=25000 AND staff\_sal<5000 THEN 'Grade B'

WHEN staff\_sal>=10000 AND staff\_sal<25000 THEN 'Grade C'

ELSE 'Grade D' END AS "Grade of All Staff"

FROM staff\_master;

**7.** SELECT staff\_name,hiredate,TO\_CHAR(hiredate,'Day')

FROM staff\_master

ORDER BY TO\_CHAR(hiredate-1,'d');

**8.** SELECT staff\_name,SUBSTR(staff\_name,1,1)||RPAD('\*',length(staff\_name)-2,'\*')||SUBSTR(staff\_name,length(staff\_name),1)

FROM staff\_master;

**9.** SELECT INSTR('Mississippi','i',2,3) Occurance

FROM dual;

**10.** SELECT SYSDATE,LAST\_DAY(SYSDATE) AS LASTDAY,

DECODE(TO\_CHAR(last\_day(sysdate),’d’),

‘1’,TO\_CHAR((last\_day(sysdate)-2),’ddspthfmmonthyyyy’),

‘2’,TO\_CHAR((last\_day(sysdate)-3),’ddspthfmmonthyyyy’),

‘3’,TO\_CHAR((last\_day(sysdate)-4),’ddspthfmmonthyyyy’),

‘4’,TO\_CHAR((last\_day(sysdate)-5),’ddspthfmmonthyyyy’),

‘5’,TO\_CHAR((last\_day(sysdate)-6),’ddspthfmmonthyyyy’),

‘6’,TO\_CHAR((last\_day(sysdate)-7),’ddspthfmmonthyyyy’),

TO\_CHAR((last\_day(sysdate)-1),’ddspthfmmonthyyyy’)) AS PAYDATE

FROM DUAL;

**11**. SELECT student\_name,dept\_code,

DECODE(dept\_code,20,'Electricals',30,'Electronics','Others')

FROM student\_master;

**12.** SELECT student\_name,NVL(student\_address,'No Address') Address

FROM student\_master;

**Oracle Lab 2.2**

**13**. SQL> SELECT dept\_code,ROUND(MAX(staff\_sal),1) MAXIMUM,ROUND(MIN(staff\_sal),1) MINIMUM,ROUND(SUM(staf

f\_sal),1) TOTAL,ROUND(AVG(staff\_sal),1) AVERAGE

FROM staff\_master

GROUP BY dept\_Code;

**DEPT\_CODE MAXIMUM MINIMUM TOTAL AVERAGE**

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30 42000 17000 91000 30333.3

20 62000 20000 124000 31000

40 18000 18000 18000 18000

10 32000 24000 56000 28000

**14**. SQL> SELECT dept\_code,COUNT(mgr\_code) AS "Total Number of Managers"

FROM staff\_master

GROUP BY dept\_Code;

**DEPT\_CODE Total Number of Managers**

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30 3

20 4

40 1

10 2

**15.** SQL> SELECT dept\_code,SUM(staff\_sal)

FROM staff\_master

WHERE staff\_code NOT IN('100007','100006','100005')

GROUP BY dept\_Code

HAVING SUM(staff\_sal)>20000;

**DEPT\_CODE SUM(STAFF\_SAL)**

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30 49000

20 62000

10 24000