**AGGREGATE**

**Q1. Display todays date.**

SQL> select sysdate from dual;

SYSDATE

---------

23-AUG-16

**Q2. Display the date after 3 months from today.**

SQL> select add\_months(sysdate,3) from dual;

ADD\_MONTH

---------

23-NOV-16

**Q3. Display the date after 3 months where the current date is 12th Jan 2016.**

SQL> select add\_months('12-Jan-2016', 3) from dual;

ADD\_MONTH

---------

12-APR-16

**Q4. Display the date before 3 months from today.**

SQL> select add\_months(sysdate, -3) from dual;

ADD\_MONTH

---------

23-MAY-16

**Q5. Display the date before 1.6 months from today.**

SQL> select add\_months(sysdate, -1.6) from dual;

ADD\_MONTH

---------

23-JUL-16

**Q6. Display the last date of the current month.**

SQL> select last\_day(sysdate) from dual;

LAST\_DAY(

---------

31-AUG-16

**Q7. Display the last date of 12th jan 2013.**

SQL> select last\_day('12-jan-2013') from dual;

LAST\_DAY(

---------

31-JAN-13

**Q8. Display no. of months between 31st jan 2016 to 31st march 2016.**

SQL> select months\_between('31-jan-2016','31-march-2016') from dual;

MONTHS\_BETWEEN('31-JAN-2016','31-MARCH-2016')

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

-2

**Q9. Display no. of months between 31st march 2016 to 31st jan 2016.**

SQL> select months\_between('31-mar-2016', '31-jan-2016') from dual;

MONTHS\_BETWEEN('31-MAR-2016','31-JAN-2016')

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

2

**Q10. Display no. of months between 31st march 2016 to 10th jan 2016.**

SQL> select months\_between('31-mar-2016', '10-jan-2016') from dual;

MONTHS\_BETWEEN('31-MAR-2016','10-JAN-2016')

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

2.67741935

**Q11. Display the date of next Monday of current month.**

SQL> select next\_day(sysdate, 'monday') from dual;

NEXT\_DAY(

---------

29-AUG-16

**Q12. Display the date immediate Friday of day 23rd feb 2014.**

SQL> select next\_day('23-feb-2014', 'friday') from dual;

NEXT\_DAY(

---------

28-FEB-14

**STRING**

SQL> create table one(

2 e\_name varchar(20),

3 city varchar(50),

4 salary number(10)

5 );

Table created.

SQL> insert into one values('mary','chennai',40000);

1 row created.

SQL> insert into one values('sam','bangalore',50000);

1 row created.

SQL> insert into one values('debora','mumbai',45000);

1 row created.

SQL> insert into one values('mike','mumbai',50000);

1 row created.

SQL> select length('mary') from dual;

LENGTH('MARY')

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

4

SQL> select length('e\_name') from one;

LENGTH('E\_NAME')

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

6

6

6

6

SQL> select length(e\_name) from one;

LENGTH(E\_NAME)

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

4

3

6

4

SQL> select upper(e\_name) from one;

UPPER(E\_NAME)

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

MARY

SAM

DEBORA

MIKE

SQL> select ltrim('mary','ma')from dual;

LT

--

ry

SQL> select rtrim('mary','ry') from dual;

RT

--

ma

SQL> select upper(e\_name) as e\_name,salary from one;

E\_NAME SALARY

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

MARY 40000

SAM 50000

DEBORA 45000

MIKE 50000

SQL> select length(city) as city\_length from one;

CITY\_LENGTH

-----------

7

9

6

6

SQL> select rpad(city,10,'\*') as city from one;

CITY

----------

chennai\*\*\*

bangalore\*

mumbai\*\*\*\*

mumbai\*\*\*\*

SQL> select avg(salary) from one;

AVG(SALARY)

-----------

46250

SQL> select count(\*) from one;

COUNT(\*)

----------

4

SQL> select count(distinct city) from one;

COUNT(DISTINCTCITY)

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

3

SQL> select min(salary) from one;

MIN(SALARY)

-----------

40000

SQL> select max(salary) from one;

MAX(SALARY)

-----------

50000

SQL> select sum(salary) from one;

SUM(SALARY)

-----------

185000