1. **Display all the clients whose age is more than 25 years but less than 50 years**

SQL> select \* from salesman where name like '%a%' and city like 'b%';

S\_NO NAME ADD1 CITY ACHIVE\_TARGET

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

S001 aman 3,dev appt baroda 100

S002 omkar bhopal 200

1. **Display all the Salesman from Salesman\_Master table where “Sale” is more than his “Target” and “Target” is more than 100**

**SQL> select \* from salesman\_master where sales>target and target>100;**

SQL> select \* from salesman\_master where sales>target and target>100;

1. **Find the Salesman who are neither from Baroda nor from Surat.**

SQL> select \* from salesman\_master where city not in('BARODA','SURAT');

1. **Display total number of clients using Client\_Master Table.**

SQL> select count(\*) from clients;

COUNT(\*)

----------

5

1. **Display the highest salary a salesman is getting.**

SQL> select max(salary) from salesman\_master;

MAX(SALARY)

-----------

6000

1. **Display all item names in upper case letters only**

SQL> select upper(item\_name) from item;

UPPER(ITEM\_NAME)

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

RICE

WHEAT

SUGAR

OIL

SALT

1. **Display current date and time**

SQL> select sysdate, to\_char(sysdate, 'HH:MM:SS') from dual;

SYSDATE TO\_CHAR(

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

12-SEP-25 09:09:05

1. **Display average target given to the salesman.**

SQL> select AVG(target) from salesman\_master;

AVG(TARGET)

-----------

192.727273

1. **Display the Birth Date (DOB in Student\_Master Table) in a new format. (Eg. February 12, 1998)**

SQL> select to\_char(DOB,'MONTH DAY, YEAR') from student\_master;

TO\_CHAR(DOB,'MONTHDAY,YEAR')

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

FEBRUARY THURSDAY , NINETEEN NINETY-EIGHT

MAY TUESDAY , TWO THOUSAND

NOVEMBER SATURDAY , NINETEEN NINETY-SEVEN

AUGUST MONDAY , NINETEEN NINETY-NINE

1. **Display Date of Joining (DOJ, Faculty\_Master) of all faculties in DD/MM/YY format**

SQL> select to\_char(DOJ,'DD/MM/YY') from faculty\_master;

TO\_CHAR(

--------

15/06/10

01/09/12

20/01/15

05/11/18

1. **Display Only Birth Date and Month of all the students from Student\_Master Table**

SQL> select to\_char(DOB, 'DD-MONTH') from student\_master;

TO\_CHAR(DOB,

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

12-FEBRUARY

23-MAY

15-NOVEMBER

30-AUGUST

1. **Count the total number of employees.**

SQL> select count(\*) from employee\_master;

COUNT(\*)

----------

4

1. **Calculate the average salary of all the employees.**

SQL> select avg(salary) from employee\_master;

AVG(SALARY)

-----------

16750

1. **Determine the maximum and minimum salary. Rename the output as max\_salary and min\_salary respectively.**

SQL> select max(salary) as max\_salary, min(salary) as min\_salary from employee\_master;

MAX\_SALARY MIN\_SALARY

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

22000 12000

1. **Count the number of employees having salary less than or equal to 15000.**

SQL> select count(\*) from employee\_master where salary <= 15000;

COUNT(\*)

----------

2

1. **List the details of Employee month wise in DD/MM/YY format.**

SQL> select employee\_name, to\_char(joining\_date,'DD-MM-YY') from employee\_master order by (extract(month from joining\_date));

EMPLOYEE\_NAME TO\_CHAR(

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

Jill 15-01-21

Adam 10-04-19

Eve 23-07-20

Sam 05-12-1

1. **List the DOB in the format ‘DD-Month-YY’ eg. 12-February-91**
2. **Count total distributors**

SQL> select count(\*) from distributor;

COUNT(\*)

----------

5

1. **Find the total price of all items**

SQL> select sum(price) from item;

SUM(PRICE)

----------

265

1. **Find the item wise total quantity of each item**
2. **Display all items whose name starts with “S”**

SQL> select \* from item where item\_name like 'S%';

ITEM\_ ITEM\_NAME PRICE WEIGHT

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

I003 Sugar 35 3

I005 Salt 20 1

**5. Display Distribution details of all items with month (from the date) only.**

SQL> select item\_no, extract( month from order\_date) from dist\_item;

ITEM\_ EXTRACT(MONTHFROMORDER\_DATE)

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

I001 8

I002 8

I003 8

I004 8

I005 8

I001 8

I002 8

I003 9

I004 9

I005 9

10 rows selected.

**6. Display the distributors whose city name starts with “B”**

SQL> select \* from distributor where city like 'B%';

DNO DNAME CITY PHONE

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

D001 ABC Distributors Baroda 9876543210

**7. Find the highest weight of an item**

SQL> select max(weight) from item;

MAX(WEIGHT)

-----------

5