**1. Write a SQL query to show average number of orders shipped in a day (use Orders table).**

**Ans: -**

SELECT ' For',ShippedDate,',there are', COUNT (orderNumber),'orders.' FROM orders GROUP BY shippedDate;

**2. Write a SQL query to show average number of orders placed in a day.**

**Ans: -**

SELECT date(orderdate)

, COUNT(id) AS num\_orders

, SUM(orderNumber) AS daily\_total

FROM Oder

GROUP BY date(orderDate)

**3. Write a SQL query to show the product name with minimum MSRP (use Productstable).**

**Ans: -**

SELECT productName FROM Product WHERE MSRP = (SELECT MIN(MSRP) FROM Product);

**4. Write a SQL query to show the product name with maximum value of stock Quantity.**

**Ans: -**

SELECT MAX(quantityInStock), productNameFROM Product

**5. Write a query to show the most ordered product Name (the product with maximum number of orders).**

**Ans: -**

SELECT MAX(productName) AS HighestOrders FROM Product GROUP BY product\_code ODER BY MAX(buyPrice)

**6. Write a SQL query to show the highest paying customer Name.**

**Ans: -**

SELECT MAX(amount), customerName FROM payments where customerName = (SELECT customerNumber from customers)

**7. Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city.**

**Ans: -**

SELECT customerName,city FROM customer where city =Melbourne;

**8. Write a SQL query to show name of all the customers whose name start with “N”.**

**Ans: -**

SELECT \* FROM customers WHERE name LIKE 'N%';

**9. Write a SQL query to show name of all the customers whose phone start with ‘7’ and are from city ‘LasVegas’.**

**Ans: -**

SELECT \* FROM customer where phone like’7%’ and city = ‘LasVegas”

**10. Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either “Las Vegas” or ”Nantes” or “Stavern”.**

**Ans: -**

SELECT \* FROM customer where creditLimit < 1000 and (city LIKE ‘LosVegas’ or city LIKE ‘Stavern’)

**11. Write a SQL query to show all the orderNumber in which quantity ordered <10**

**Ans: -**

SELECT orderNumber FROM oderdetailed WHERE quantityOdered < 10

**12. Write a SQL query to show all the orderNumber whose customer Name start with letter ‘N’.**

**Ans: -**

SELECT o.orderNumber

FROM orders o

LEFT JOIN customers c

ON c.customerNumber = o.customerNumber

WHERE c.customerName LIKE 'N%'

**13. Write a SQL query to show all the customerName whose orders are “Disputed” in status.**

**Ans: -**

select customernumber,

max(case when rn = 1 then status end) as last\_order\_status,

sum(status = 'Cancelled') cnt\_cancelled,

sum(status = 'Disputed' ) cnt\_disputed,

sum(status = 'On Hold' ) cnt\_on\_hold

from (

select o.\*,

row\_number() over(partition by customernumber order by orderdate desc) rn

from orders o

) t

group by customernumber

**14. Write a SQL query to show the customerName who made payment through cheque with checkNumber startingwith H and made payment on “2004-10-19”.**

**Ans: -**

SELECT c.customerName

FROM customers c

LEFT JOIN payments p

ON p.customerNumber = o.customerNumber

WHERE c.checkNumber LIKE 'H%' and p.paymentDate = ‘2004-10-19’

**15. Write a SQL query to show all the checkNumber whose amount > 1000.**

**Ans: -**

SELECT checkNumber FROM payments where amount > 1000.