

## SQL -4

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

Ans - SELECT AVG(shippedDate)

From orders;

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

Ans- SELECT AVG(Customers)

From orders;

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

Ans-SELECT productName,MSRP

FROM products

WHERE MSRP=

(SELECT MIN (MSRP) FROM Products);

4. Write a SQL query to show the product name with maximum value of stockQuantity.

Ans-SELECT productName,quantityInStock

FROM products

WHERE quantityInStock =

(SELECT MAX (quantityInStock) FROM Products);

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

Ans-SELECT productName,quantityOrdered

FROM orderDetails

WHERE quantityOrdered =

(SELECT MAX (quantityOrdered) FROM orderDetails);

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

Ans- SELECT \*

FROM Payments

WHERE amount IN

(WHERE max (amount)

FROM Payments

(WHERE CustomerNumber IN

SELECT CustomerName

FROM Customers));

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

Ans- SELECT CustomerNumber, CustomerName

FROM customers

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 customerName LIKE 'N%' ;

9. Write a SQL query to show name of all the customers whose phone start with '7' and are from city 'Las Vegas'.

Ans- SELECT CustomerName  
FROM Customers  
WHERE Phone LIKE '7%'  
AND city='Las Vegas';

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 CustomerName  
FROM Customers  
WHERE creditlimit <1000  
AND city="Las Vegas" OR city="Nantes" OR city=" Stavern";

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

Ans- SELECT orderNumber  
FROM orderdetails  
WHERE quantity ordered <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  
FROM orders  
( WHERE status='Disputed'  
FROM orders  
(WHERE CustomerNumber IN  
SELECT CustomerName  
FROM Customers));

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

Ans- SELECT CustomerNumber  
FROM payments  
WHERE checkNumber LIKE 'H%'  
AND PaymentDate=2004-10-19  
FROM payments  
(WHERE CustomerNumber IN  
SELECT CustomerName  
FROM Customers));

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

Ans-SELECT checkNumber  
FROM payments  
WHERE amount >1000 ;

