

## Worksheet SQL 4

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

Ans. select mean(orderNumber) from orders;

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

Ans. SELECT ID, AVG(CountPerDay) AS AvgPerDay FROM orders GROUP BY ID.

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

Ans. select productName, min(MSPR) from products;

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

Ans. select productName, max(stockQuantity) from products;

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

Ans. select productName, count(productName) from products GROUP BY Product Code ORDER BY count(productName) DESC limit 1;

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

Ans. select customers.customerName, payments.amount from customers INNER JOIN payments ON customers.customersNumber=payments.customersNumber ORDER BY amount DESC limit 1;

- 7. Write a SQL query to show customer Number, customer Name of all the customers who are from Melbourne city.**

Ans. select customersNumber, customerName from customers where city IN (' Melbourne ');

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

Ans. select customerName 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 ‘LasVegas’.**

Ans. select customerName from customers where customersNumber LIKE '7%' AND city IN ('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 customerName, creditLimit, city from customers where creditLimit<1000 and city IN ('Las Vegas', 'Nantes', 'Stavern');

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

Ans. select orderNumber from orders where quantity ordered <10.

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

Ans. select orders.orderNumber from orders INNER JOIN customers ON orders.customersNumber = customers.customersNumber where customerName LIKE 'N%';

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

Ans. select customers.customerName from customers INNER JOIN orders ON customers.customersNumber = orders.customersNumber where status = 'Disputed' ;

**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 customers.customerName from customers INNER JOIN payments ON customers.customersNumber = payments.customersNumber where checkNumber LIKE 'H%' and 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 ;