

**WORKSHEET 4 SQL**

Q1. Write a SQL query to show average number of orders shipped in a day (use Orders table).

**Ans. SELECT AVG (orderNumber) from Orders WHERE status = shipped;**

Q2. Write a SQL query to show average number of orders placed in a day.

**Ans. SELECT AVG (orderNumber) from Orders WHERE status = placed;**

Q3. 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;**

Q4. Write a SQL query to show the product name with maximum value of stockQuantity.

**Ans. . SELECT productName, MSRP from products WHERE MSRP = (SELECT MAX(MSRP) FROM stockQuantity;**

Q5. Write a query to show the most ordered product Name (the product with maximum number of orders).

**Ans. SELECT productName, count(orderNumber) from Orderdetail group by productName order by count(orderNumber)**

Q6. Write a SQL query to show the highest paying customer Name.

**Ans. SELECT amount.payments, customers.customerName FROM customers INNER JOIN Customers ON customers.customeNumber = payments.customeNumber;**

Q7. Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city.

**Ans. SELECT cutomerNumber, customerNam from customers where city = Melbourne;**

Q8. Write a SQL query to show name of all the customers whose name start with “N”.

**Ans. SELECT \* FROM customers WHERE customerName LIKE 'N%';**

Q9. Write a SQL query to show name of all the customers whose phone start with ‘7’

and are from city 'LasVegas'.

**Ans.** SELECT \* FROM customers WHERE phone LIKE '7%' AND city = 'LasVegas' ;

Q10. 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 customers WHERE creditLimit < 1000, AND city = 'LasVegas' OR city = "Nantes" OR city = "Stavern";

Q11. Write a SQL query to show all the orderNumber in which quantity ordered <10.

**Ans.** SELECT orderNumber FROM orderdetails WHERE orderNumber <10;

Q12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.

**Ans.** SELECT orderNumber FROM customers WHERE customerName LIKE 'N%';

Q13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.

**Ans.** SELECT customers.customeNumber, customers.customerName FROM customers INNER JOIN orders ON orders.customeNumber = customers.customeNumber WHERE status = "Disputed";

Q14. 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.customeNumber, customers.customerName FROM customers INNER JOIN payments ON payments.customeNumber = customers.customeNumber WHERE checkNumber LIKE 'H%';

Q15. Write a SQL query to show all the checkNumber whose amount > 1000.

**Ans.** SELECT checkNumber FROM payments WHERE amount > 1000