

## **Answers for SQL Worksheet-4**

1. `select avg(order_count) from (select count(orderNumber) as order_count from orders group by shippedDate) as T;`
2. `select avg(order_count) from (select count(orderNumber) as order_count from orders group by orderDate) as T;`
3. `select productName from products order by MSRP asc limit 1;`
4. `select productName from products order by quantityInStock desc limit 1;`
5. `select products.productName, sum(orderdetails.quantityOrdered) as total_ordered from orderdetails inner join products on orderdetails.productCode = products.productCode group by products.productName order by total_ordered desc limit 1;`
6. `select customers.customerName, sum(payments.amount) as total_amount from customers inner join payments on customers.customerNumber = payments.customerNumber group by customers.customerName order by total_amount desc limit 1;`
7. `select customerName, customerNumber from customers where city = 'Melbourne';`
8. `select customerName from customers where customerName like 'N%';`
9. `select customerName from customers where phone like '7%' and city = 'Las Vegas';`
10. `select customerName from customers where designation in (' Las Vegas' , Nantes', 'Stavern') and creditLimit < 1000;`
11. `select orderNumber from orderdetails where quantityOrdered < 10;`

12. select orders.orderNumber, orders.customerName as customer\_name  
from orders inner join customers on orders.customerName =  
customers.customerName where customer\_name like 'N%';
13. select orders.customerName as customer\_order\_disputed from orders  
inner join customers on orders.customerName =  
customer.customerName where status = 'Disputed';
14. select orders.customerName from payments inner join customers on  
payments.customerNumber = customers.customerNumber where  
checkNumber like 'H%' and paymentDate = '2004-10-19';
15. select checkNumber from payments where amount > 1000;