**SQL**

## **WORKSHEET – 4**

## **Solutions**

**ANS 1)**

select(select count(shippedDate) from orders)/(select count(distinct(shippedDate)) from orders) as average\_shipped\_products\_per\_day;

**ANS 2)**

select(select count(orderDate) from orders)/(select count(distinct(orderDate)) from orders) as average\_order\_products\_per\_day;

**ANS 3)**

select productName, MSRP from products order by MSRP limit 1;

**ANS 4)**

select productName, quantityinStock from products order by quantityinStock desc limit 1;

**ANS 5)**

SELECT p.productName FROM products as p JOIN orderdetails as o using(productCode) GROUP BY p.productCode ORDER BY Sum(quantityOrdered) DESC LIMIT 1;

**ANS 6)**

select c.customerNumber,c.customerName,p.amount from customers as c JOIN payments as p USING(customerNumber) order by amount desc limit 1;

**ANS 7)**

select customerNumber, customerName from customers where city='Melbourne';

**ANS 8)**

select customerNumber, customerName from customers where customerName like "N%";

**ANS 9)**

select customerNumber, customerName from customers where city='Las Vegas' and phone like '^7.\*';

**ANS 10)**

select customerNumber, customerName from customers where city='Las vegas' or city='Stavern' or city='Nantes' and creditLimit < 1000;

**ANS 11)**

select ordernumber from orderDetails where quantityOrdered <10;

**ANS 12)**

select o.ordernumber,c.customerName from orders as o JOIN customers as c using(customerNumber) where customerName like 'N%';

**ANS 13)**

SELECT c.customerName from customers as c JOIN orders as o using (customerNumber) WHERE status = 'Disputed';

**ANS 14)**

select c.customerName from customers as c JOIN payments as p using(customerNumber) where checkNumber like 'H%';

**ANS 15)**

select checkNumber, amount from payments where amount >1000;