**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;