SQL Worksheet-4

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

SELECT date(shippedDate) ,

COUNT(orderNumber) AS num\_orders,

SUM(orderNumber) AS total\_orders,

(num\_orders/total\_orders) AS Avg\_orders,

FROM orders

GROUP BY 1

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

SELECT date(orderDate),

COUNT(orderNumber) AS num\_orders,

SUM(orderNumber) AS total\_orders,

(num\_orders/total\_orders) AS Avg\_orders,

FROM orders

GROUP BY 1

3. Write a SQL query to show the product name with minimum MSRP (use Productstable).

SELECT productName, buyPrice FROM products

WHERE buyPrice = (SELECT MIN(buyPrice) FROM productLine);

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

SELECT productName, quantityInStock FROM products

WHERE quantityInStock = (SELECT MAX(quantityInStock) FROM productName);

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

SELECT productName, FROM products

WHERE productName = (SELECT MAX (productName) FROM products);

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

SELECT customerName FROM customers

WHERE customerName=(SELECT MAX(amount) FROM payments);

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

SELECT customerName, customerNumber from customers

WHERE customerName,customerNumber=(SELECT Melbourne FROM city);

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

SELECT customerName FROM customer WHERE name LIKE 'N%'

9. Write a SQL query to show name of all the customers whose phone start with ‘7’ and are from city ‘LasVegas’.

SELECT customerName FROM customers

WHERE customerName= SELECT ‘LasVegas’ FROM city WHERE (SELECT phone FROM customers WHERE phone LIKE ‘7%’);

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”.

SELECT customerName from customers

WHERE customerName= SELECT( Las Vegas, Nantes, Stavern FROM city )

WHERE customerName= SELECT (creditLimit<100) FROM customers);

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

SELECT orderNumber FROM orderdetails

WHERE orderNumber=SELECT(quantityOrdered desc LIMIT 10 FROM orderdetails );

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

SELECT orderNumber FROM orders

SELECT \* FROM orderNumber

WHERE orderNumber=SELECT( customerName FROM customers) WHERE

Name LIKE %N;

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

SELECT customerName FROM customers

WHERE \*customerName= SELECT status FROM orders;

WHERE status= Disputed;

14. Write a SQL query to show the customerName who made payment through cheque with checkNumber startingwith H and made payment on “2004-10-19”

SELECT customerName FROM customers

WHERE customerName= SELECT( checkNumber FROM payments WHERE number LIKE H%; SELECT paymentDate FROM payments

WHERE paymentDate= 2004-10-19

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

SELECT \* checkNumber FROM payments

WHERE checkNumber = SELECT( amount desc LIMIT 1000 FROM payments)