**SQL WORK\_SHEET\_3**

**1.** Write SQL query to create table **Customers.**

**Ans-**CREATE TABLE Customers (

CustomerNumber int,

CustomerName varchar (255) ,

ContactLastName varchar (255) ,

ContactFirstName varchar (255) ,

Phone int,

AddressLine1 varchar (255) ,

AddressLine2 varchar (255) ,

City varchar (255) ,

State varchar (255) ,

PostalCode int,

Country varchar (255) ,

RepEmployeeNumber int

Credit Limit int,

);

**2.** Write SQL query to create table **Orders.**

**Ans-** CREATE TABLE Orders (

OrderNumber int,

OrderDate date,

RequiredDate date

ShippedDate date

Status varchar (255) ,

Comments varchar (255) ,

CustomerNumber int,

);

3. Write SQL query to show all the columns data from the **Orders** Table.

**Ans-** SELECTOrderNumber, OrderDate, requiredDate, shippedDate,

status, comments, customerNumber FROM Orders;

SELECT \* FROM Orders;

4. Write SQL query to show all the comments from the **Orders** Table.

**Ans-** SELECTcomments from Orders

5. Write a SQL query to show orderDate and Total number of orders placed on that date, from **Orders** table.

**Ans-** SELECT orderDate,sum(orders) from Orders

**6.** Write a SQL query to show employeNumber, lastName, firstName of all the employees from **employees**

table.

**Ans-** SELECT employeeNumber, lastName, firstName from employees

7. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.

**Ans-** SELECT orders.orderNumber, customers.customerName

FROM customers

INNER JOIN Orders

ON customers.CustomerName=orders.customerName

8. Write a SQL query to show name of all the customers in one column and sales epemployee name in another column.

**Ans-** SELECT customers.customerName, employee.employeeName

FROM customers

INNER JOIN employee

ON customers.CustomerName=employee.employeerName

9. Write a SQL query to show Date in one column and total payment amount of the payments made on that date from the **payments** table.

**Ans-** SELECT Paymentdate,sum(amount) from payments

**10.** Write a SQL query to show all the products productName, MSRP, productDescription from the **products** table.

**Ans-** SELECT productName,MSRP,productDescription from products

11. Write a SQL query to print the productName, productDescription of the most ordered product.

**Ans-**SELECT productName,productDescription ,COUNT(DISTINCT quantityordered),

MAX(quantityordered)

FROM orderdetails

GROUP BY productName,productDescription

12. Write a SQL query to print the city name where maximum number of orders were placed.

**Ans-** SELECT city,COUNT(DISTINCT quantityordered),

MAX(quantityordered)

FROM orderdetails

GROUP BY city

13. Write a SQL query to get the name of the state having maximum number of customers.

**Ans-** SELECT state, COUNT(customerNumber),

MAX(customerNumber)

FROM customers

GROUP BY state

14. Write a SQL query to print the employee number in one column and Full name of the employee in the second column for all the employees.

**Ans-** SELECT firstname+’’+lastname as Name from employees

SELECT employee number,Name from employees

15. Write a SQL query to print the orderNumber, customer Name and total amount paid by the customer for that order (quantityOrdered × priceEach).

**Ans-** SELECT a.orderNumber

b.customerName

c.total amount

FROM orders a,customers b,payments c

FROM a.customerNumber=b.customerNumber=c.customerNumber

AND c.amount(quantityOrdered × priceEach)