SQL Worksheet 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(10),addressLine1 varchar(255),addressLine2 varchar(255),city varchar(255),state varchar (255),postalCode int (10),salesRepEmployeeNumber int(10), creditLimit float (30));

2)Write SQL query to create table Orders.

Ans : Create Table Orders(orderNumber int(10),orderDate DATE,requireDate DATE,shippedDate DATE,status varchar (255), comments varchar(255), customerNumber int(10));

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

Ans : Select *from Orders;

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

Ans : Select comments from Orders;

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

Ans : Select COUNT (*) from Orders where orderDate='2022-12-30';

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

Ans : Select employeNumber lastName,first name from employees;

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

Ans : Select orderNumber,customerName from Orders where orderNumber=1;

8) Write a SQL query to show name of all the customers in one column and salerepemployee name in another column

Ans : Select customers.customerName,employees.salerepemployeeName from customers, employees;

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 :

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 :

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

Ans : SELECT city,COUNT(*) FROM customers GROUP BY city ORDER BY COUNT(*) DESC

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

Ans : SELECT state,COUNT(*) FROM customers GROUP BY statenORDER BY COUNT(*) DESC

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 :

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 c.customerNumber, SUM(ord.Quantity*p.Price) as

Total_Amount

FROM Customers c inner join Orders o

    on c.customerNumber= o.customerNumber join

    OrderDetails ord

    on o.OrderID = ord.OrderID join

    Products p

    on ord.ProductID = p.ProductID

GROUP BY customerNumber;