SQL WORKSHEET-3

1. Write SQL query to create table Customers.

CREATE TABLE Customers (

customerNumber int,

customerName varchar(255),

contactLastName varchar(255),

contactFirstName varchar(255),

phone int,

addressLine1 varchar(255),

addressLine2 varchar(255),

city char,

state char,

postalCode int,

country char,

salesRepEmployeenumber int,

creditLimit int,

);

2. . Write SQL query to create table Orders.

CREATE TABLE Orders (

orderNumber int,

orderDate int,

requiredDate int,

shippedDate int,

status varchar(255),

comments varchar(255),

customerNumber int,

);

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

SELECT \*FROM Orders

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

SELECT comments FROM Orders

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

SELECT orderNumber, orderDate

FROM Orders

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

SELECT employeeNumber, lastName, firstName

FROM employees

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

SELECT Orders.orderNumber, Customers.customerName

FROM Orders

INNER JOIN \*customers ON orders.customerNumber=customers.customer

Number;

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

SELECT customerName, salesRepEmployeenumber

FROM Customers

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.

SELECT paymentDate, amount

FROM payments

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

SELECT productNames, MSRP, productDescription

FROM products

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

SELECT productName, productDescription

COUNT(productName) AS PRODUCTS\_SOLD

FROM products

GROUP BY productName

ORDER BY 2 DESC

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

SELECT city , COUNT(DISTINCT orderNumber),

MAX(amount)

FROM orders

GROUP BY city

ORDER BY 2 DESC;

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

SELECT state, COUNT(DISTINCT customerNumber)

MAX (customerNumber)

FROM customers

GROUP BY state

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.

SELECT employeeNumber, firstName, lastName

CONCAT(firstName, ' , ' , lastName) AS firstName

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)

SELECT orderNumber.orders, customerName.customers, amount.payments

INNER JOIN \*customers ON orders.customerName=customers.amount