SQL WORKSHEET-3 ANSWERS

1. create table customers(customerNumber int Primary Key,customerName varchar(10),contactLastName varchar(10),contactFirstName varchar(10),phone int,AddressLine1 text,AddressLine2 text,city varchar(20),state varchar(20),postalCode int(6),country varchar(20), salesRepEmployeeNumber int, creditLimit int(6));
2. create table orders(orderNumber int,orderDate Date,requiredDate Date,shippedDate Date,status text,comments text,customerNumber int,Foreign key(customerNumber) references customer(customerNumber));
3. select \* from orders;
4. select comments from orders;
5. select orders.orderdate,orderdetails.quantityOrdered from orders inner join orderdetails on orders.orderNumber=orderdetails.orderNumber;
6. select employeeNumber,lastName,firstName from employees;
7. select orders.orderNumber,customers.customerName from order inner join customers on orders.customernumber=customers.customerNumber;
8. select customerName, salesRepEmployeeNumber from customers;
9. select paymentDate, amount from payments;
10. select productName, MSRP, productDescription from products;
11. select productName,productDescription from products where productCode in (select productCode from orderdetails order by quantityOrdered desc limit 2);
12. select city from customers where customerNumber in (select customerNumber from orders where orderNumber in (select orderNumber from orderdetails order by quantityOrdered desc limit 1));
13. select customers.state,orderdetails.quantityOrdered from ((customers inner join orders on customers.customerNumber= orders.customerNumber) inner join orderdetails on orders.orderNumber = orderDetails.orderNumber);
14. select employeeNumber,concat (firstName,’ ‘,lastName) from employees;
15. select orders.orderNumber,customers.customerName,(orderDetails.quantityOrdered \* orderDetails.priceEach) as Total\_amount\_paid from ((orders inner join customers on orders.customerNumber = customers.customerNumber) inner join orderdetails on orders.orderNumber = orderDetails.orderNumber);