SQL Worksheet 3

Q)

(5) create table customers (
customernumber int not null,
customername varchar(100) not null,
contactlastname varchar(50) not null,
contactfirstname varchar(50) not null,
Phone int not null,
addressline1 varchar(100),
addressline2 varchar(100),
city varchar(50)
state varchar(50),
Postalcode int not null,
country varchar(100),
salesrepnumber int not null,
creditnumber int not null,
foreign key (salesrepnumber) references employees (employeenumber),
Primary key (customernumber)

);

(2) create table orders (
ordernumber int not null,
checknumber int not null,
Paymentdate date,
amount int,
Primary key (customernumber, checknumber)
foreign key (customernumber) references

customers (customer number)
);

(3) select * from orders;

(4) Select comments from orders;

(5) Select orderDate, COUNT(orderNumber) from Orders group by orderdate;

(6) Select employeenumber, lastname, firstname from employees;

(7) Select ordernumber, customername from customers natural join orders group by ordernumber;

(8) Select customername, lastname, firstname from customers Left Outer Join employees on customers.salesrepemployeenumber = employees.employeenumber;

(9) Select Paymentdate, amount from payments;

(10) Select productName, MSRP, productDescription from products;

(11) Select productname, productdescription, sum(quantityOrdered) as quantity from products natural join ~~orderdetails~~ orderdetails group by productname order by quantity desc, limit 1;

(12) select city, count(ordernumber) as orders from customers natural join orders group by city order by orders desc, limit 1.

(13) Select state, max(customerNumber) from customers;

(14) Select employee.number, concat (firstName, ' ', lastName) as fullName from employees ;

(15) Select customerName, orderNumber, Sum (quantityOrdered * priceEach) as allorderstotal from customers natural join orders natural join orderdetails group by customername order by allorderstotal desc ;