Rigen SQL test

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create table Employee_Rigen( Employee_id int, First_name varchar(255),
Last_name varchar(255), Salary int, Joining_Date date, Department varchar(255),
Manager_id int )
insert into Employee_Rigen values (1,'John','Abraham',1000000,'2001-01-13',
'Banking',3)
insert into Employee_Rigen values (2,'Michael','Clark',800000,'2001-01-13',
'Insurance',3)
insert into Employee_Rigen
VALUES(3,'Roy','Thomas',700000,'2001-02-13', 'Banking',1);
INSERT INTO Employee_Rigen
VALUES(4,'Tom','Jose',600000,'2001-02-13', 'Insurance',1);
INSERT INTO Employee_Rigen
VALUES(5,'Jerry','Pinto',650000,'2001-02-13', 'Insurance',1);
insert into Employee_Rigen
VALUES(6,'Philip','Mathew',750000,'2001-01-13', 'Services',5);
INSERT INTO Employee_Rigen
VALUES(7,'TestName1','123',650000,'2001-01-13', 'Services',5);
INSERT INTO Employee_Rigen
values (8,'TestName2','Lname%',600000,'2001-02-13', 'Insurance',5)

create TABLE Incentives_Rigen(
    Employee_ref_id INT,
    Incentive_date date,
    Incentive_amount int )
insert into Incentives_Rigen
values(1,'2001-02-13',5000)
insert into Incentives_Rigen
values(2,'2001-02-13',3000)
insert into Incentives_Rigen
values(3,'2001-02-13',4000)
insert into Incentives_Rigen
values(1,'2001-01-13',4500)
insert into Incentives_Rigen
values(2,'2001-01-13',3500)

Q1- SELECT * FROM Employee_Rigen
Q2-Select First_name from Employee_Rigen order by First_name
Q3-Select upper(First_name) from Employee_Rigen
Q4- select distinct Department from Employee_Rigen
Q5- select substring(First_name,1,3) from Employee_Rigen
Q6- SELECT * FROM Employee_Rigen where First_name='John'
Q7-Select * from Employee_Rigen where FIRST_NAME like '%o%'
Q8-SELECT * FROM Employee_Rigen where Salary<800000
Q9- select department, sum(salary) from Employee_Rigen group by Department
Q10-SELECT First_name, Incentive_Amount FROM Employee_Rigen AS A LEFT JOIN
Incentives_Rigen AS B ON A.Employee_id = B.Employee_ref_id
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Q11-sELECT First_name, Incentive_Amount FROM Employee_Rigen AS A INNER JOIN Incentives_Rigen AS B ON Employee_id = Employee_ref_id

Q12-Union all selects all values. The difference between Union and Union all, is that union all will not eliminate duplicate rows.

Q13-SELECT E.First_name as Employee, M.First_name as Manager from Employee_Rigen as E left join Employee_Rigen as M on E.Manager_id=M.Employee_id