#### Q-1. Write an SQL query to print the first three characters of  FIRST\_NAME from Worker table.

#### USE Human\_Resources;

#### Select Substring(FIRST\_NAME,1,3) as Sub\_Ini

FROM Employees

#### 

#### Q-2. Write an SQL query to find the position of the alphabet (‘a’) in the first name column ‘Amitabh’ from Worker table.

#### USE Human\_Resources;

#### SELECT first\_name,

#### CHARINDEX (‘a’, first\_name) AS “Pos a”

FROM Employees;

#### Q-3. Write an SQL query to print the name of employees having the highest salary in each department.

SELECT E.first\_name+' '+E.last\_name AS employee\_name, D.dept\_name, CP.current\_salary

FROM

Employees E

JOIN

Current\_Personnel CP ON E.sid\_Employee = CP.sid\_Employee

JOIN

Departments D ON CP.sid\_Department = D.sid\_Department

JOIN

(SELECT d.dept\_name, MAX(cp.current\_salary) AS max\_dep\_sal

FROM

Employees e

JOIN

Current\_Personnel cp on e.sid\_Employee = cp.sid\_Employee

JOIN

Departments d on cp.sid\_Department = d.sid\_Department

GROUP BY d.dept\_name) AS Maxdepsal

ON D.dept\_name = Maxdepsal.dept\_name

AND CP.current\_salary = Maxdepsal.max\_dep\_sal;