**ER Diagram Exercise 1**

**Q-1**

**ENTITIES**

* EMPLOYES
* DEPARTMENT
* DEPENDENT
* PROJECT

**Q-2**

**RELATIONSHIPS**

* EMPLOYES **→**DEPARTMENT - MANY TO ONE
* EMPLOYES →PROJECT - MANY TO MANY
* EMPLOYES →DEPENDENT - ONE TO MANY
* DEPARTMENT **→**PROJECT - ONE TO MANY
* EMPLOYES **→** DEPARTMENT - ONE TO ONE
* EMPLOYES **→** EMPLOYES - ONE TO MANY

**Q-3**

**Describe the ER Diagram in words**

* MANY EMPLOYES WORKS\_FOR ONE DEPARTMENT
* MANY EMPLOYES WORKS\_NO MANY PROJECT
* ONE EMPLOYES DEPENDENTS\_OF MANY DEPENDENT
* ONE DEPARTMENT CONTROLS MANY PROJECT
* ONE EMPLOYES MANAGES ONE DEPARTMENT
* ONE EMPLOYES SUPERVISION MANY SUPERVISION