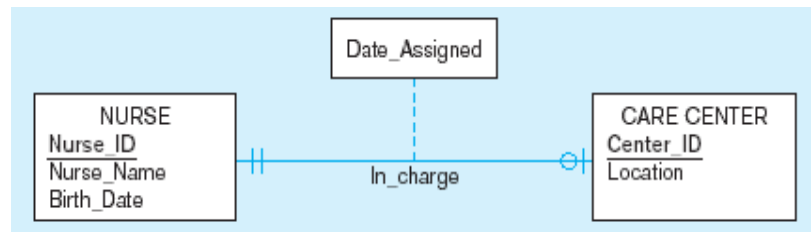


Quiz.No. 1

Draw relational model of the given ERD[10 marks]



The above relationship can be read as:

Each nurse can be in-charge of any care center or not. While each care center is in-charged by only one nurse. The nurse takes in-charge ship of a care center on a specific date. There is 1:1 relationship between nurse and care center in which participation of nurse is mandatory. According to binary 1:1 mapping rule, the primary key of nurse and the relationship attribute “date _assigned” will go to care center. So the relations will be like:

Nurse (nurse_ID, _Nurse_name, birth_date)

Care_center (Center_ID, Location, **Incharge_Nurse** [FK→referencing to nurse_ID in nurse table], Date_assigned)