CAR\_SALE(Car#, Date\_Sold, SalesPerson#, Commission%, Discount\_Amt), where  $\{Car\#, SalesPerson\#\}$  is the primary key (we assume that a car may be sold by multiple salespeople). Assume the following additional dependencies:

5. Consider the following relation schema:

 $SalesPerson\# \rightarrow Commission\%.$ 

 $Date\_Sold \rightarrow Discount\_Amt$ .

[9] (a) Based on the primary key, determine whether this relation is in 1NF, 2NF, 3NF.

(b) Perform any normalisation steps required to bring it into 3NF. [16]

Total mark for this question: 25