Assignment 1

Q1(i) Create Table S(S# varchar(15) NOT NULL,
PNam varchar(20), colour varchar(9),
weight decimal (15,5), colour varchar(9),
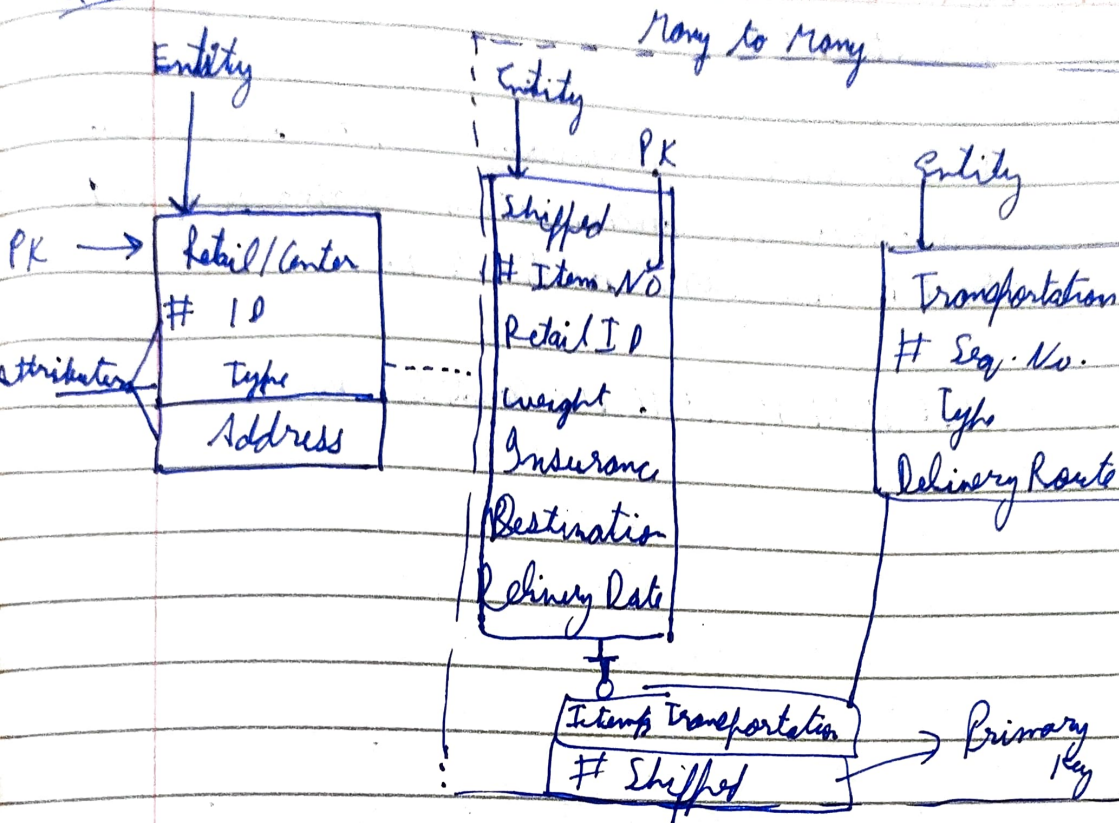weight Decimal (1-,2), Primary key (S#),
city varchar((15));

Create Table P (P# varchar (10) NOT NULL UNIQUE,
PNAME varchar (15), colour varchar(14),
weight Decimal(10,2) Default 00.00,
city varchar (15), PRIMARY KEY (P# varchar));

Create Table SP(S# varchar (15) FOREIGN KEY refren.
S(S#), P# varchar (15) FOREIGN KEY,
referens P(P#)) ;

(ii) Select SNAME from S, PNAME, SP where
P. Colour = 'red' & SP.P# = P.P# &
SP.S# = S.S#;

(iii) Select SNAME from S, P, SP where P.P# = "p2" &
SP.P# = P.P#;

Q2

Many to Many

Entity   Entity   PK   Entity

PK → Retail/Center
      # ID
attributes Type
      Address

      shipped
      # Item NO
      Retail ID
      weight
      Insurance
      Destination
      Delivery Date

      Transportation
      # Seq. No.
      Type
      Delivery Route

      Items Transportation
      # shipped   → Primary Key

Q3: i) Select Employee_Name from works

where Company_Name = "First Bank Corporation"

ii) Select from works order by Company_Name,
                              Employee_Name_Desc;

iii) UPDATE works

Set Company-Name = 'New Delhi' where
Company_Name = "First Corporation"

Q4 R (ABCDEH)

E & H are not dependent on any, So, form
functional dependencies given, ordering A, B, C
So EH will form candidate keys.

=> AEH, BEH, DEH are candidate keys.