Bonus 1

Suppose, a relational schema R (v w x y z) and set of functional dependencies F and G are as follow: F : { w-> x, wx->y, z ->wy, z ->v } G :{ w ->xy, z-> wx} Check the equivalency of functional dependencies F and G. (5 marks)

Bonus 2

Suppose a relational schema R(w x y z), and set of functional dependency as following F : { x->w, wz->xy, y->wxz } Find the canonical cover Fc (Minimal set of functional dependency) with the list of candidate keys. (5 marks)