Marc Soda 4) MNP->K J={ J, K, L, N} / 2) J={ J, L, N} )-1/-1). [-)] 4)MNP->K 5) KP ->M J={J,K,LW}/ 6) LJ -> N K+= {K} NOTEX+ P+= 50 } L'={L,J, N} 6) L) ->N L={L,} notext L+= {L,J,K3 4) MNP ->K J+= {J, K} MAPER MN, P, K,3 Answer: 1 is extraneous MNP+= { M, N, P, } 5) Kp-JM be rewritten as L-71 KP = { K, P, M} KP+= & K, P,3 6) LJ-2N L) + = { L, J, N, K} L)+= {[,), K} COS LINKINS b) P is not present in the right side
P'= {P} x JP = {P, J, K, L, M, N} ~ IP = {P, L, J, N, K, M} IP and LP are candidate keys (1, 1, 1, 1, 1, 1)

b) R=(JKY) R2=(LJN) R3=(M,NPK) RY=(PL)

c) R cannot be decomposed into BCNF.

(KY) and (LJN) are in BCNF, but (MNPK)

is not because KP->N and KP is not
a candidate Key.