Q2. Als VI min ZXU. St. Xu+Xv+Xv=1 + D(u,v,w) & G O=xi=1 + xu EV opt(LP)=7/3 set every 10 or 1 opt(LP)=1 Let x be opt soln of linear prog let x { 0 : 6 x 4 2 13 1 6 At lest one or two of every xy or xy or xx is 9 6 1 -(ost = Exu compre to costotx\* = 3 Exu 6 0 because xy = 3xx Output = 3.0 pt (LP) = 3 (Min Vremoved for no 1) 0 7353.153 2 There fore 3 factor