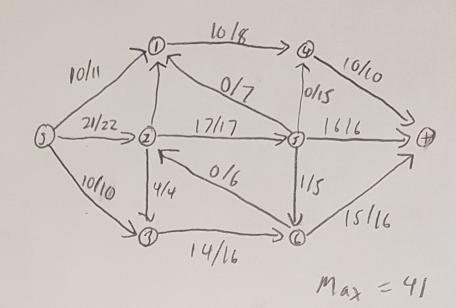
Sa. Algo (T,e) Tis MST and e to newedge C = find G(Tie) ) C = cycle (For everyelinc)! if weight [e] > weight [el] remove at from T and add e into T

Ceturn

Jb. Algo Z (T,e) C=findC(Te) (For every el MC):

> If weight [e] Zweight[e1] remove elfronet and add e to T return

Sc. Algo 3 (Te) C= find (T,e) find the minimum vershted edge el not in T It weight [el] I weight [el] remove e from I and add el return



b. Cu+ = {5,1,4,2}

Capacity of cut = 41 = flow f41441

mincut = 41

C. capacity of mineut = 41.