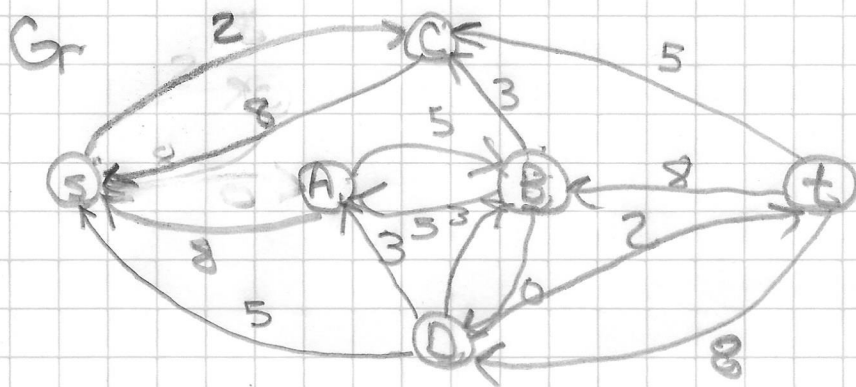


b a) $|f| = 21$

b)



c) NO Only flow out from source is (s,c) and no path exists from c other than (c,s)

d) yes

$$S = \{s, c, a\}$$

$$T = \{t, b, d\}$$