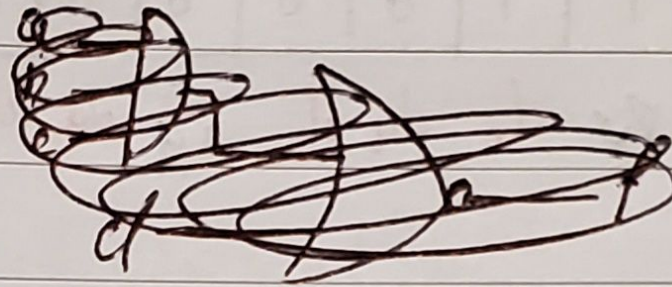
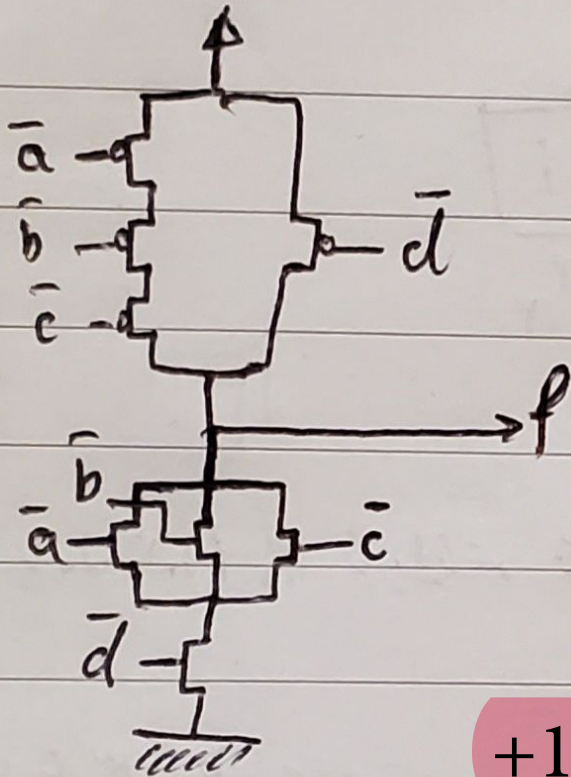


Q1

$$f_{abc+d} = (\bar{a} + \bar{b} + \bar{c}) \cdot \bar{d}$$

PMOS                  NMOS

-5 for inverted inputs



$$W = (\bar{a} + \bar{b} + \bar{c}) \cdot \bar{d}$$

+15

