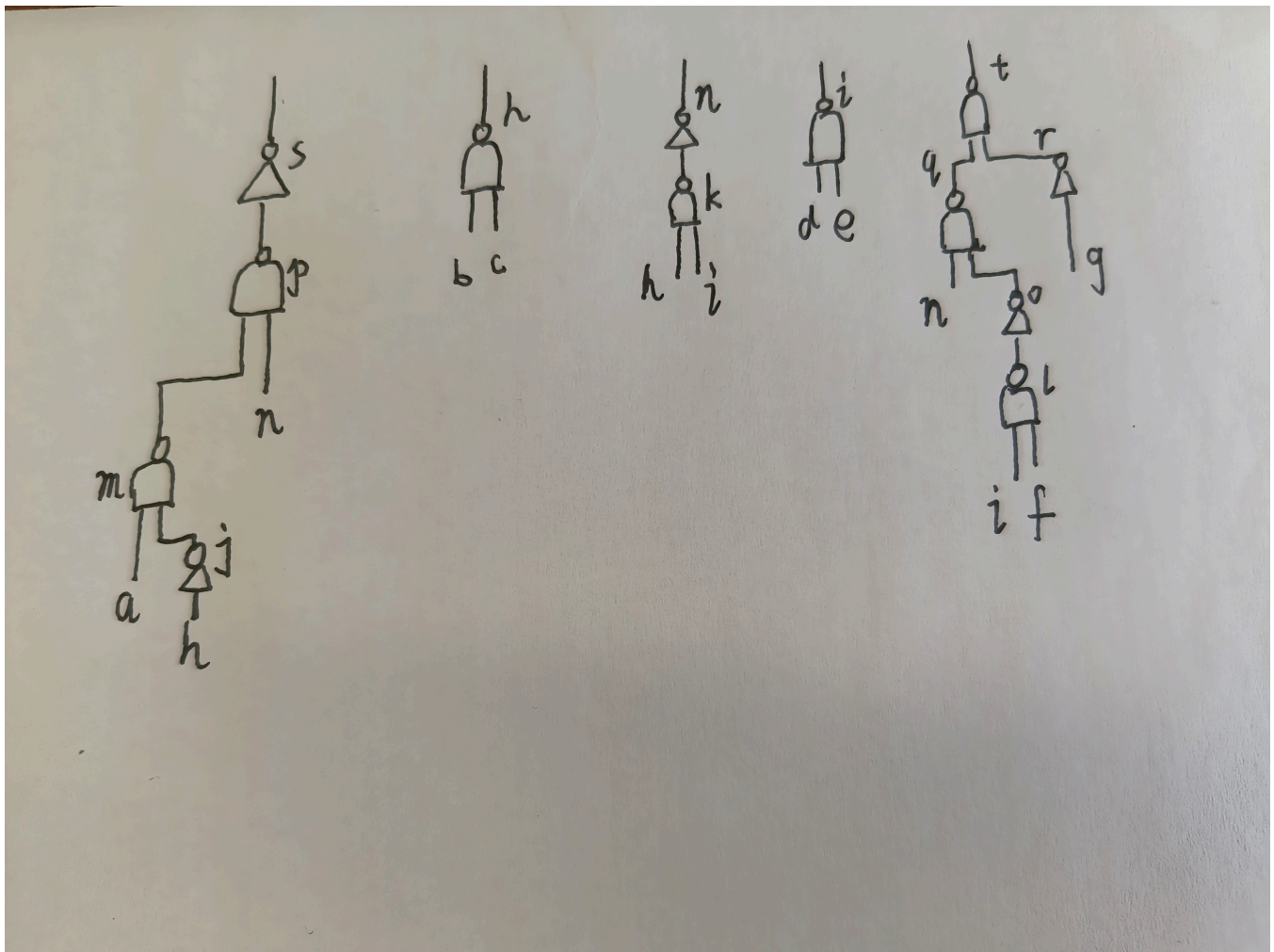


Written Assignment One

1

a), b), c)

2



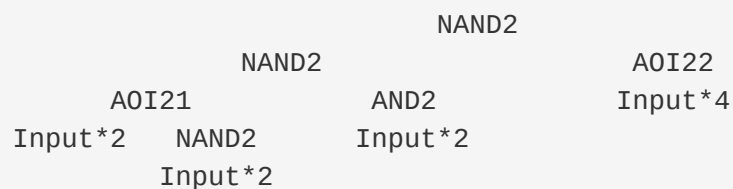
3

Node 13 : {NAND2}

Node 6 : {NAND2, OR2}

Node 1 : {NAND2}

$$\text{Min}(N13) = 3 + \text{Min}(N6) + \text{Min}(N12) = 27$$



So $4+2+5+5 = 16$.

b

Net B and Net D.

$$(2+3)-2+(1+2)-5 = 1$$

c

$$e^{\frac{-1}{10}} \approx 0.905$$

6

c),d),e)