Problem 1

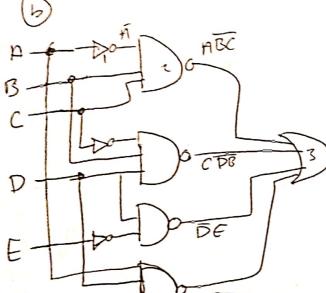
$$F = \frac{2004}{31} = 66.67$$

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HW #3



$$p=3$$
 $p=4$ $q=\frac{a5}{3}$ $q=\frac{6}{3}=2$

$$g = \frac{cn}{3}$$

 $c: n = g(3)$ $i: n = 413.3$

$$f_{p} = f_{po}\left(1+3+4+\left[1\frac{5}{3}\frac{5}{3}\right]+$$

$$\left[\frac{5}{3}\frac{6}{5}\right]+\left[2\cdot\frac{200k}{6}\right]$$

$$h = \sqrt[3]{222} = 6.055$$

$$\lim_{x \to 0} \frac{1}{3} = \frac{\cos(2)}{6.055} = \frac{\cos(2)}{6.055} = \frac{\cos(2)}{6.055} = \frac{\cos(2)}{\cos(2)} = \frac{\cos(2$$

$$S_3 = \frac{66.06}{80} = 11.01$$
, $\frac{6t}{100} = 11.01$

$$S_2 = \frac{18.18}{5} = \frac{3.64}{5}$$

$$= 0 \text{ [pmos & gate 2 = 7.27]}$$

$$= nmos & gate 2 = 7.27$$

$$\begin{aligned} d \\ t p &= t_{po} \left[1 + 3 + 4 \left(1.\frac{5}{3} \right) + \left(\frac{5}{3}.\frac{6}{5} \right) + \left(2.\frac{200}{6} \right) \right] \\ &= \left[78.336p0 \right] \end{aligned}$$

PND
$$g = 2$$

 $Q = 5/3$
 $Q = 200 \text{ F}$
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 $Q = 7/3$
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$$t_{PX} = t_{PO} \left[2 + 3 + 2 + 1 + \left[\frac{U}{3} \cdot \frac{7}{9} \right] + \left[\frac{7}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{3}{7} \right] + \left[\frac{4}{3} \cdot \frac{3}{7} \right] + \left[\frac{1}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{3}{7} \right] + \left[\frac{1}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{9}{7} \right] + \left[\frac{4}{3} \cdot \frac{3}{7} \right] + \left[\frac{4}{3} \cdot \frac{9}{7} \right] + \left[\frac{9}{7} \cdot \frac{9}{7} \right] + \left[\frac{9}$$