

Quiz #11 EE 420/ECG 620 Spring 2020 Name: _____

Open book and closed notes.

Show your work for credit and place a box around each of your answers.

For the 1 μm book process used below: $V_{THN} = 800 \text{ mV}$, $V_{THP} = 900 \text{ mV}$, $KP_n = 120 \text{ uA/V}^2$, and $KP_p = 40 \text{ uA/V}^2$.

1. Estimate the AC and DC currents flowing in the circuit seen in Figure 20.71 on page 669 of the book. (5 points)