

Quiz #16 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.

1. What is the DC value of V_{out} ? Estimate the range of the output swing assuming all transistors remain in the saturation region. Estimate the low-frequency gain circuit, V_{out}/V_s . Estimate the low-frequency gain from V_s to the drain of M1. (5 points)

