Quiz #3   EEC210   Fall 2008
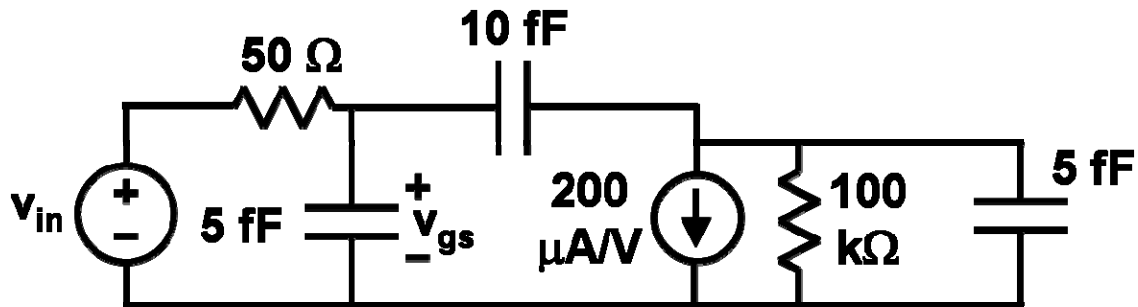
Name:_____

Lab Section:_____

Problem 1 (10 points) For the following small-signal model of a MOS amplifier, use the method of <u>Zero-Value Time Constants</u> (Open-Circuit Time Constants) to estimate the dominant pole location. Use the Miller Approximation to simplify your analysis. Show all work and express your final answer in Hz.

f_{POLE} **(Hz)** =