

Quiz 10, EE 420L  
Spring 2020  
Closed book and notes.

Name: \_\_\_\_\_

1. Show, using the pins from the connection diagram seen below and a schematic drawing, how to connect DC voltage sources and a current meter to measure the drain current of an NMOS device versus the drain-source voltage with a constant  $V_{GS}$  of 3 V. Note that pin 7, VSS, is the substrate connection. (10 points)

