ECE 65 Quiz 2
Name_________________________________ PID________________________________

Question 1 (10 points)
For this silicon transistor, $\beta=200$

(a) Determine which mode the transistor is in
(b) Find $V_o$
Question 2 (10 points)
For this transistor, \( V_T = 2 \) V, \( k_n'(W/L) = 0.5 \) mA/V^2
(a) Determine which mode the transistor is in
(b) Find \( V_o \)
Question 3 (10 points)
For these silicon transistors, $\beta = 50$

(a) Determine which mode each transistor is in
(b) Find $V_0$