## QUIZ NO. 13

NAME	Score	/10

The circuit shown is to be an oscillator. The transistors are identical with  $r_{ds} = \infty$ . (a.) Should the switch at the gate of M1 be connected to point A or B in order to oscillate? (b.) Find the frequency of oscillation in Hertz and the value of  $g_m$  necessary for oscillation.

