EE 210   MINI-QUIZ #3   **3.2.21**
Total Marks: 10   **Total Time: 10 mins.**

Find V_B for *best biasing* (BB). Data: $V_{TN0} = 0.7$ V, $k'_N = 40$ µA/V^2,
(W/L) = 10, $\gamma = 0.4$ V$^{1/2}$, $\phi_F = 0.35$ V, and $\lambda = x$ V^{-1} (if the last digit
of your roll number is 0 to 4: x = 0.08, and 5 to 9: x = 0.2).