Homework Assignment No. 7

Due on Wednesday, March 2, 2005

1.) Problem P5.17 of the text.

2.) Problem P5.18 of the text.

3.) Problem P6.1 of the text.

   \[ \text{Ans. } R_{ON} = \frac{3V_{DD}}{4I_{D,sat}} = \ldots \]

4.) Problem P6.2 of the text.

   [Answers: \( f_{osc} = 5.77\text{GHz} \)]

5.) Problem P6.4 of the text.

   [Answers: a.) \( 13C_{eff}W \), b.) \( 10C_{eff}W \), \ldots ]