Homework Assignment No. 7

Due on Wednesday, March 3, 2004

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.

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

5.) Problem P6.4 of the text.

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