

## Homework No. 3

*Note: In view of the midterm scheduled for Friday 27 Jan., 2006, this homework is not to be submitted. You should do it and review the solution (to be posted on Wednesday Jan 25) in preparation for the exam.*

**Part A:        Read/review the following topics:**

Handout on Friction & Wear (posted on website). Please get familiar with the basics of surface properties, friction, adhesion, and wear mechanisms. Also review section 4.9.2 in the text on this topic.

Chapter 16: Machining: Read section 16.1 (pp 618-645)

**Part B:        Do the following Problems in preparation for midterm**

Chapter 16: A 3, A 4, A7, A 7, B2, B 8, B 14.