**TOPICS TO STUDY FOR THEORY QUIZ #5**

**Text Book -Chapter 10 ( Virtual Memory )**

10.1 Background

10.2 Demand Paging

10.2.1 Basic Concepts

10.3 Copy-on-Write

10.4 Page Replacement

10.4.1 Basic Page Replacement

10.4.2 FIFO Page Replacement

10.4.4 LRU Page Replacement

10.5 Allocation of Frames

10.5.3 Global versus Local Allocation

10.5.4 Non-Uniform Memory Access

10.8 Allocating Kernel Memory

10.8.1 Buddy System

10.8.2 Slab Allocation

10.9 Other Considerations

10.9.2 Page Size

10.9.3 TLB Reach

Handout provided in class “ Windows Memory Management Overview”