**TOPICS TO STUDY FOR THEORY QUIZ #10**

**Text Book -Chapter 11 ( Storage )**

**Text Book -Chapter 12 ( I/O Systems )**

11.1.1 Hard Disk Drives

11.1.2 Nonvolatile Memory Devices

11.2 Disk Scheduling

11.2.1 FCFS Scheduling

11.2.2 SCAN Scheduling

11.2.3 C-SCAN Scheduling

11.3 NVM Scheduling

11.5 Storage Device Management

12.1 Overview

12.2 I/O Hardware

12.2.2 Polling

12.2.3 Interrupts

12.2.4 DMA (Direct Memory Access)

12.2.5 I/O Hardware Summary

12.3 Application I/O Interface ( I/O Characteristics)

12.3.1 Block and Character Devices

13.4 Kernel I/O Subsystems ( I/O scheduling, Buffering, Caching and Spooling)

13.5 Transforming I/O request to Hardware operations