

Exam#2

Study Guide

This exam will cover the following materials:

- (1) Section 3.4 from your text book Sliding window protocols :
 - a. One bit Sliding window protocol
 - b. Go-Back-N protocol
 - c. Selective repeat protocol
- (2) Chapter 4 MAC sub-layer
 - a. The channel allocation problem
 - b. Multiple access protocols
 - i. Pure Aloha and slotted aloha
 - ii. Carrier sense multiple access protocols (CSMA)
 - iii. Collision free protocols
 - a. Bit map protocol
 - b. Token passing
 - c. Binary count down
 - iv. Limited contention protocols
 - a. Adaptive tree walk protocol
 - v. Wireless LAN protocols
- (3) Ethernet and its covered in a separate chapter under the “other references” and also in section 4.3 in you text book.
 - a. Classical Ethernet
 - b. Switch or fast Ethernet
- (4) Network Layer.
- (5) Addressing the networks.

** (ch5) Thursday class (03/13) is not included.