

EECS 428
Web Computing
2005 Spring Semester

Midterm

March 4, 2005

Write your name and SSN on your paper.
The test is 50 minutes, 100 points. It contributes 10% to your grade.
Closed books and notes.

1. Express throughput as a function of the congestion window and of the RTT. Assume that the window and the RTT are constant and that there are no packet losses.
2. The following question is about Fast Recovery.
 - a. Briefly explain what Fast Recovery is.
 - b. Define what a Partial Acknowledgment is (during Fast Recovery).
 - c. What Reno does when it receives a Partial Ack in Fast Recovery?
3. Explain the WF²Q algorithm.

(over)