

Network Architectures 3329
Spring 2018
03/02/18

Name: _____

Quiz 7-2

Time Limit: 5 minutes

- **Print your name.**
- Close-book policy: You may not use the text, my class notes and/or any notes and study guides you have created. You may use a calculator. You may not use a cell phone or computer.

| Problem | Points | Score |
|---------|--------|-------|
| 1 | 1 | |
| 2 | 1 | |
| 3 | 1 | |
| 4 | 1 | |
| 5 | 1 | |
| Total: | 5 | |

1. (1 point) A TCP sender can detect a “loss event” by
 - A. timeout
 - B. duplicate ACKs
 - C. ACK with ECE (explicit congestion notification echo) bit
 - D. all of the above**

2. (1 point) TCP fast recovery can be triggered by
 - A. timeout
 - B. duplicate ACKs
 - C. new ACK
 - D. all of the above**

3. (1 point) In TCP congestion control, a timeout event will always transition a sender to the slow start state.
A. True B. False

4. (1 point) Two TCP connections can always achieve fair share of a bottleneck network link.
A. True **B. False**

5. (1 point) Two applications can achieve fair share of a bottleneck network link as long as they are both running over TCP.
A. True **B. False**