

Quiz 2: Transport Protocols and Reliability
CS162, October 29, 2012

Your Name:

SID AND 162 Login:

1. At each end-host, a transport layer connection (e.g., TCP and UDP) is identified by a port number.

TRUE

FALSE

2. The “Two Generals Problem” admits a solution with a finite number of rounds.

TRUE

FALSE

3. Assume a connection with a window size of 10 packets, sending 1KB packets, and a round-trip time (RTT) of 100ms. The throughput of this connection is 800 Kbps.

$$\text{Throughput} = W * \text{pkt_size} / \text{RTT} = 10 * 8000b / 0.1s = 800Kbps$$

4. In the presence of packet losses, *Go-Back-n* achieves higher throughput than *Selective Repeat*.

TRUE

FALSE