- **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) Some applications are better suited for TCP as opposed to UDP because TCP provides finer application-level control over the data.

   A. True   **B. False**

2. (1 point) Multimedia applications over UDP — due to the lack of congestion control — enjoy better end-end performance.

   A. True   **B. False**

3. (1 point) The transport-layer services provided by UDP include

      A. congestion control, error checking

      B. process-to-process data delivery, error checking

      C. reliable data transfer, congestion control

      D. reliable data transfer, process-to-process data delivery

4. (1 point) Reliable data transfer can occur at

      A. transport-layer

      B. link layer

      C. application layer

      D. all of the above

5. (1 point) Reliable data transfer is realized through

      A. error detection

      B. receiver feedback

      C. retransmission

      D. all of the above