

Questionnaire 1

1. Why should you use a UDP connection over a TCP?

- A. More reliable in data transfer.
- B. No connection state.
- C. Faster.
- D. When you need to make a continuous transmission.

2. Which of these application-layer protocols is used in file transfers?

- A. SMTP.
- B. NFS.
- C. FTP.
- D. TelNet.

3. In a Reliable Data transfer protocol (rdt 2.0), how does the cycle occur in the sending side?

- A. Wait for call from above.
- B. Wait for call 0 from above, wait for ACK or NAK 0, wait for call 1 from above, wait ACK or NAK 1.
- C. Wait for call 0 from above, wait for call 1 from above, wait for ACK or NAK 0, wait ACK or NAK 1.
- D. Wait for call from above, wait for ACK or NAK.

4. In a pipeline reliable data transfer a packet size of 2000 bytes and 2 Gbps, how much time does it take to completely transfer the package?

- A. 8 milliseconds.
- B. 10 milliseconds.
- C. 16 milliseconds
- D. 20 milliseconds.

5. In fast recover the value of cwnd is increase by _ MSS for every duplicate ACK for the missing segment that caused TCP to enter the fast-recovery state.

- A. 0.5.
- B. 1.
- C. 2.
- D. 3.