

Exam 1 Review

- ❑ 1R14b. What does an IXP do?
Exchange points are where ISPs can connect to each other.
- ❑ 2R6. Which protocol would you use to do a transaction from a remote client to a server as fast as possible. UDP or TCP? *UDP. No handshake. No flow control.*
- ❑ 3R6. Is it possible for an application to enjoy reliable data transfer even when the application runs over UDP? If so, how?
Yes, by handling reliability in the application layer.
- ❑ 3R14a. True or False: Host A sends Host B a large file over a TCP Connection. Assume Host B has no data to send Host A. Host B does not send acknowledgments to Host A because Host B cannot piggyback the acknowledgments on data. *False.*
- ❑ 3R14g. True or False: Suppose Host A sends one segment with sequence number 38 and 4 bytes of data over a TCP connection to Host B. In this same segment, the acknowledgment number is necessarily 42. *False.*

Student Questions