

# Quiz-5

**Due** Mar 10 at 9:15pm

**Points** 8

**Questions** 8

**Available** Mar 10 at 9pm - Mar 10 at 9:15pm 15 minutes

**Time Limit** None

## Instructions

This quiz is open book, open notes. You may leave after submitting the quiz.

This quiz was locked Mar 10 at 9:15pm.

Score for this quiz: **7** out of 8

Submitted Mar 10 at 9:07pm

This attempt took 7 minutes.

### Question 1

0 / 1 pts

A TCP sender sends an initial window of 75 segments in which, for descriptive purposes, we refer to these as sender's segments 1 to 75.

Suppose the initial sender sequence number is 316 and each segment contains 272 bytes.

What is the sequence number associated with the sender's segment 50 ?

Enter number only (no punctuation marks, no spaces)

13,644

### Question 2

1 / 1 pts

What is the maximum window size for Selective Repeat with 218 sequence number?

Enter number only.

109

### Question 3

1 / 1 pts

TCP sender immediately resends un-acknowledged segment when \_\_\_\_\_.

- ☐ its buffer is empty
- ☒ the timer times out
- ☐ it receives 3 duplicate ACKs
- ☐ the network is heavily congested

### Question 4

1 / 1 pts

TCP measures sample RTT for segments including ones that have been retransmitted.

- ☐ True
- ☒ False

### Question 5

1 / 1 pts

TCP receiver sends an ACK immediately after each and every time it received a segment.

☐ True

☒ False

### Question 6

1 / 1 pts

\_\_\_\_\_ is considered "best-effort" protocol.

☐ FTP

☒ UDP

☐ SMTP

☐ TCP

### Question 7

1 / 1 pts

The transport layer extracts the message from the packet and delivers it to the \_\_\_\_\_ layer.

☐ physical

☐ network

☒ application

☐ link

### Question 8

1 / 1 pts

Transport layer is the logical communication between processes.

☒ True

☐ False

Quiz Score: **7** out of 8