Lab6

Q1.

|  |  |
| --- | --- |
| Sender | Receiver |
| SEQ=, ACK=, DATA= | SEQ = ACK, ACK = SEQ+DATA, DATA=DATA |
| SEQ=1234, ACK=436, DATA=100 | SEQ = 436, ACK = 1334, DATA=100 |
| SEQ = 436, ACK = 1334, DATA=100 | SEQ = 1334, ACK = 536, DATA=100 |

The answer is D. 1334.

Q2.

No, it is not possible.

Q3.

Option 3

Q4.

SmoothedRTT = 100

DevRTT = 8

SampleRTT = 108

SmoothedRTT = (1-A)\*SmoothedRTT + A\*sampleRTT Where A = 0.125

SmoothedRTT = (1-0.125) \* 100 + 0.125(108)

SmoothedRTT = 101

Timeout = smoothedRTT+4\*DevRTT

Timeout = 101 + 4(8)

Timeout = 133ms

Q5.

Option D

Q6.

Option B 1.5RTT

Q7.

Option A

Q8.

True

Q9.

SMTP, HTTP and FTP

Q10.

100,000/125,000 = 0.8

Q11.

Option C.

Q12.

Option B.