1: 435

2: Yes

3: 4. Whether it increases the timeout depends on the deviation.

4: smoothedRTT = 100ms

` devRTT = 8ms

sampleRTT = 108ms

new smoothRTT = (1 – 0.125) \* 100 +0,125 \*108 – 101,s

new devRTT = (1 – 0.25) \* 8 + 0.25 \* (108 -101) = 7.75ms

timeout = 101 + 4 \* 7.75 = 132ms

5. C. Flow Control

6: 1.5RTT

7: A. Per-Byte sequence and ack numbers

8: True

9: HTTP

TFTP

FTP

10:

0.8 seconds

11:

C. 4 seconds

12:

B. 40 pkts/s