Q1 TCP Sequence numbers
C - 435 one below the Ack number.

Q2 TCP Sequence numbers.
Yes.

Q3 TCP Timeout
3. Whether it increases SmoothedRTT depends on the deviation.

Q4. TCP Timeout
SmoothedRTT = $(1-\alpha) * \text{SmoothedRTT}_{i-1} + \alpha * \text{SampleRTT}$
SmoothedRTT = $(1-0.125) \times 100 \times 0.125 \times 108 = 101$
" = $(1-0.125) \times 8 \times 0.25 \times (108 - 101) = 7.75$
Timeout = $101 * (4 * 7.75) = 132$

Q5 TCP header fields
Flow Control.

Q6 TCP Connection mgmt.
B - 1.5 RTT
Explanation for myself : Requires a threeway handshake C->S, S->C, C->S again

Q7. TCP Reliability
A - Per-byte Sequence and Ack numbers

Q8.
True.

Q9.
SMTP, FTP, HTTP.

Q10.
C - 0.6 seconds

Q11 $150 \times 1000 = 150{,}000$
$150{,}000 - 125{,}000$
$= 25{,}000$
chops off after 100000
So 25,000/s into 100000/s
4 Seconds.

Q12.
B. 40 pkts