Lab 5

Q1.) True. Exponential growth until packet loss/threshold

Q2.) True. Steady state increases by one when it reaches half its height before timeout

Q3.) True. The receiver expects to see the packet within a certain time

Q4.) True. TCP halves window size then grows linearly

Q5.) A. Receiver sends triple duplicate ACK to avoid congestion

Q6.) B. Packet may just be slow, not necessarily gone

Q7.) D. Receiver detects timeout and assumes severe congestion

Q8.) A. Timeout detected by packet loss and severe congestion

Q9.) B. There is less traffic going to the receiver when there’s more TCP segments outstanding

Q10.) The curve I exponential as to find the TCP window quicker

Q12.) C. B is at 8k bytes. The curve is exponential meaning the curve reaches B at 400ms

Q13.) C. Graph is linear, meaning it increases in increments of 1000. C will get to D in 1200ms.

Q14.) B. E begins exponential with 400ms. Then goes linear. 200ms. 400 + 200

Q15.) The network might have less people using it at the time of point D