Oral Questions

1. Which version of TCP is this, TAHO, RENO, or SACK? (SACK) (0.5 marks)

2. Which version of TCP is this, TAHO, RENO, or SACK? (RENO) (0.5 marks)

3. What are the main differences between Taho, Reno, and SACK?
   (Taho: list one mechanism of Taho – slow start, AIMD, or fast retransmit
   Reno: fast recovery
   SACK: selective acknowledgement – explain in detail) (1 mark)

4. How would this CWND graphs look different if fast retransmit were not implemented?
   (There would be longer 'dead zone' times in which we are waiting for RTO) (1 mark)

5. (Show TCP_A CWND graph) What is the SSTHRESH at this point? (~5.5) (1 mark)

6. What is one of the main differences between TCP Fast and TCP reno?
   (TCP fast is an equation-based algorithm,
   It uses queueing delay as the primary measure of congestion,
   It has stable dynamics and achieves weighted proportional fairness in equilibrium) (1 mark)