



**Question 3** [4 marks]

Consider a link with a one way propagation delay of 15ms. Each data frame has a transmission time of 20ms, while the acknowledgement transmission time is 1ms. Assume other processing and queuing delays are 0. If the source computer starts its timer after completing the transmission of the data frame, what is the minimum timeout interval that a source computer should use if stop-and-wait ARQ is applied across the link?