

KFUPM - COMPUTER ENGINEERING DEPARTMENT**COE-342 – Data and Computer Communication – take home Quiz****Student Name:****Student Number:**

Problem: The figure below shows three nodes: A, B, and C connected using two links. If Link AB operates a sliding window control protocol with $W = 6$, while link BC operates a stop-and-wait protocol. What is the *maximum* data rate, R , for link R such that the receive buffer at Node B does NOT overflow.

Assume: Full-duplex lines and error free channels. ACK frames are separate frames of 200 bits length.

