

2001 Paper 8 Question 3

Digital Communication II

- (a) In the context of networking, what is *congestion*? [2 marks]
- (b) Discuss the evolution of congestion control in TCP. You may like to consider some or all of the following in your answer: *congestion window, slow start, fast retransmit, fast recovery, TCP Vegas, RED, ECN, and congestion pricing*. [12 marks]
- (c) Compare and contrast congestion control in TCP with the ways in which congestion is managed in ATM networks. [6 marks]