

1998 Paper 12 Question 3

Digital Communication I

How can packet loss occur in a network? [5 marks]

Outline a way in which packet loss can be reduced. Can it be eliminated completely? [5 marks]

How does an ARQ system deal with packet loss? [5 marks]

“An ARQ implementation should keep as much data in transit as the receiver is willing to receive.” Discuss. [5 marks]