2005 Paper 9 Question 3

Digital Communication II

Outline the interaction between the end-to-end flow of packets, and the following four buffering/queueing schemes. Be sure to compare and contrast their effects when deployed in a large-scale network.

(*a*) FIFO;

(*b*) RED;

(*c*) RED with ECN;

(*d*) Fair queueing.

[5 marks each]