

2003 Paper 7 Question 2

Digital Communication II

- (a) Explain the terms *Work Conservation* and *max-min fairness*, in the context of packet switching. [8 marks]
- (b) Outline the operation of two work-conserving queueing schemes that provide max-min fairness, and two (simpler) ones that do not. [8 marks]
- (c) Give at least two main implementation costs associated with implementations of fairness in packet switched routers. [4 marks]