COMPUTER SCIENCE TRIPOS Part II – 2025 – Paper 9

10 Principles of Communications (jac22)

(a) How might fibbing work with IP multicast routing?

Recall that fibbing is a hybrid of distributed and centralised routing that injects advertisements for virtual nodes and links using the intra-domain routing protocol.   [10 marks]

(b) Describe with examples what adding mobility of end systems does to Traffic Engineering. Assume a simple hill-climbing system for balancing traffic across various paths in the network.   [10 marks]