

## 1994 Paper 8 Question 4

### Digital Communication II

Describe the operation of private and public key encryption systems with an illustration of each. [12 marks]

End-to-end encryption is an OSI Presentation layer function; however, even when secure end-to-end encryption is employed, what forms of security attacks can be employed using information from the lower OSI layers? How can these be solved? [8 marks]