1993 Paper 7 Question 12

Additional Topics

Explain the distinction between Public- and Secret-Key cryptosystems. [4 marks]

Name an example of each type. [1+1 marks]

Is a One Time Pad a Public- or Secret-Key system? [1 mark]

Discuss the advantages and disadvantages of One Time Pads as compared with alternative systems. When might One Time Pads be used and when should they be avoided? [13 marks]