

2008 Paper 7 Question 3

Digital Communication II

- (a) Describe the OSI (Open Systems Interconnections) reference model and discuss examples of the networking functions normally associated with each component. [14 marks]
- (b) What do we mean by *layer violation*? Discuss some of the reasons that might lead a pragmatic protocol implementer to engage in layer violation and illustrate with an example. [6 marks]