

## 2006 Paper 13 Question 3

### Digital Communication I

- (a) Describe and contrast the processes of (i) forward error correction and (ii) error detection with retransmission. [5 marks]
- (b) What properties should be considered when deciding which should be used to control errors? [10 marks]
- (c) Are there circumstances when both should be used? Justify your answer. [5 marks]