## 2008 Paper 8 Question 3

## **Digital Communication II**

- (a) What are the pros and cons of *distance vector* versus *link state* routing protocols? Give examples derived from protocols in use today. [10 marks]
- (b) Where are hybrid schemes employed and why? [5 marks]
- (c) Again using examples, discuss the issues in extending routing to support multicast. [5 marks]