ITS323 – Quiz 6
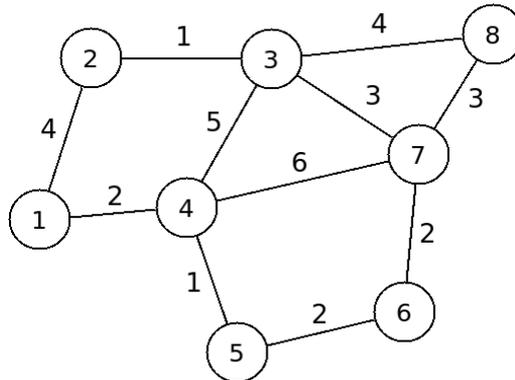
Name: _____

ID: _____   Mark: _____ (out of 7)

Question 1 [4 marks]

The following diagram shows a network of nodes with the costs shown for each link (the costs are the same in both directions). Assuming least-cost routing, complete the routing table for node 8.

Node		
Destination	**Next Node**	**Cost**

Question 2 [1 mark]

a) What is a disadvantage of using a hop count in flooding protocols?

Question 3 [2 marks]

a) One aim of Medium Access Control (MAC) in LANs is to ensure only one user (computer) transmits at a time.   T / F

b) The IEEE 802 series of LAN standards focus on the Physical Layer, Data Link Layer and Network Layer of the OSI model.   T / F