

## ITS323 – Quiz 6

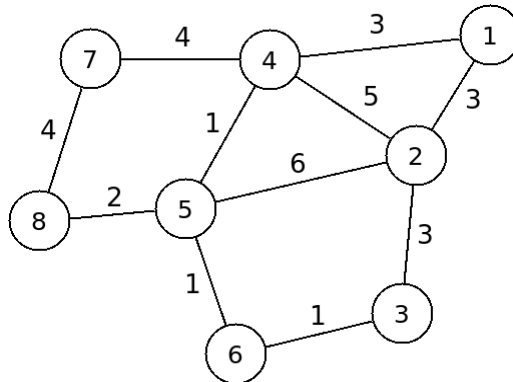
Name: \_\_\_\_\_

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 an advantage 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 one user (computer) transmits at a time. T / F
- b) The IEEE 802 series of LAN standards focus on the Physical Layer and Data Link Layer of the OSI model. T / F