

ITS323 – Quiz 6

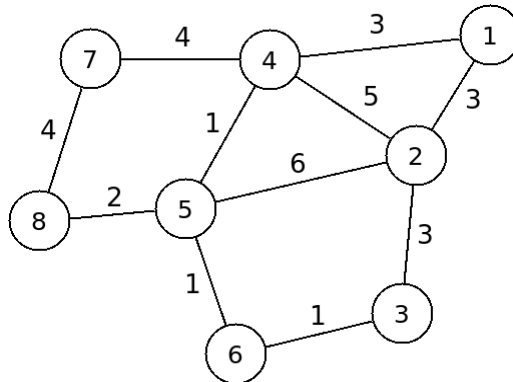
Name: _____

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 1.



Node		
Destination	Next Node	Cost

Question 2 [1 mark]

- a) What is a disadvantage of using a sequence number in flooding protocols?

Question 3 [2 marks]

- a) The IEEE 802 series of LAN standards focus on the Physical Layer, Data Link Layer and Network Layer of the OSI model. T / F
- b) A contention-based MAC protocol gives each station a turn at transmitting in an ordered manner (e.g. station 1, station 2, station 3, ...). T / F