

ITS323 – Quiz 6

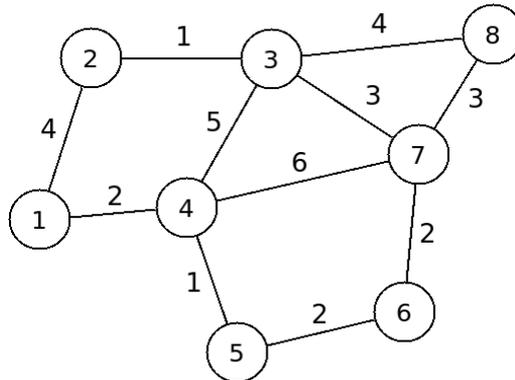
Name: _____

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 6.



Node		
Destination	Next Node	Cost

Question 2 [1 mark]

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

Question 3 [2 marks]

- a) Centralised control for Medium Access Control (MAC) has the advantage (compared to distributed control) that if the controlling station fails, the network can still operate. T / F
- b) A contention-based MAC protocol allows stations to reserve time slots for transmissions in the future. T / F