ITS323 – Quiz 5

Name	2:		ID:		Marks:	(10)
Que	estion 1	[1.5 each ma	arks]			
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	_	e ofechnology/speed.		is that al	ll stations m	ıust use
,	_	k, but also reduce			-	
. ,		path characteristi ır a larger total d g.				
O114	ostion 2	[1.5 marke]				

Question 2 [1.5 marks]

Explain an disadvantage of using information from neighbour nodes (rather than local information only) when determining least-cost routes in a network.

Question 3 [4 marks]

The following is a subset of the least-cost paths in a network, where the numbers represent nodes and the costs of links are identical in both directions. If each node has its own routing table, draw the routing table for node 8.

$$3-4-8$$
, $1-8-7-5-9$, $6-2-8-4$