SIIT ITS413

ITS413 - Quiz 4

Name:					
ID:			Mark:	(out of 10)	
Questi	ion 1 [8 marks]				
True o	r false (circle the most accura	te answer for the state	ment):		
a)	In the Internet, congestion m	ainly occurs at hosts.		TRUE	FALSE
b)	Increased congestion in the Internet leads to increased queuing delays at routers. TRUE FALSE				
c)	TCP implements error control, flow control and congestion control.TRUE FAL				FALSE
d)					ork is not FALSE
e)	The number of outstanding bytes a TCP source may have is the maximum of the Advertised Window and Congestion Window. TRUE FALSE				
f)	If the buffer size of a router is finite, then packets will be dropped by the router if the total incoming data rate of its links is larger than the total outgoing data rate of its links. TRUE FALSE				
g)	End-to-end congestion control involves routers sending feedback packets to hosts. TRUE FALSE				
h)	For congestion control, TCP assumes the source sending rate is inversely proportional to the Congestion Window size. TRUE FALSE				
Questi	i on 2 [2 marks]				
	e descriptions in parts (a) to (or related. [½ mark for each]	l), select one from the	e 6 mechanism	s/parameters th	at is most
	Additive Increase Slow Start Phase	Multiplicative Decrea Maximum Segment S		Congestion V Advertised W	
a)b)c)d)	Slow increase in sending rate Fast increase in sending rate Response when congestion i Limits the sending rate to av	s detected			