SIIT ITS413

ITS413 - Quiz 4

Name	:				
ID:			Mark:	(out of 10)	
Quest	ion 1 [8 marks]				
True o	or false (circle the mos	st accurate answer for the st	atement):		
a)	In the Internet, congestion mainly occurs at TCP destination hosts.TRU			ts.TRUE	FALSE
b)	If an ACK is not received when expected, a TCP source assumes the TCP receivers buff full. TRUE FALSI				
c)	TCP is a connection-oriented protocol.			TRUE	FALSE
d)	Flow control involves limiting the sending rate of a TCP source amongst applications.			so that fairnes	ss is achieved FALSE
e)					ne Advertised FALSE
f)	If the buffer size of a router is infinite, 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 congesti TRUE	on control does not require FALSE	explicit feedbacl	k from routers	S.
h)	For congestion control, TCP assumes the source sending rate is proportional to the RTT. TRUE FALSE				
Quest	ion 2 [2 marks]				
	e descriptions in parts y related. [½ mark for	(a) to (d) , select one from each]	the 6 mechanism	ns/parameters	that is most
	Additive Increase Slow Start Phase	Multiplicative Dec Maximum Segmen		Congestion Advertised	
t	a) Slow increase in second Fast increase in second Limits the sending	nding rate rate to avoid congestion			