## CS4331/5331: Wireless Networks and Mobile Computing Fall 2021

## Quiz #5 Solution

•	Ful	Il name only:	
•	Clo	lease date: Oct 22nd, 2021 (Friday) osed book/note; No electric device; <u>No discussion/chatting</u> ; <u>This should be done individually</u> otal 10 points;	
۱. ۱	∕Vha	at does MANET stands for?	
	•	Mobile ad hoc network	[l pt]
bea	con	access point buffers all frames destined for stations operating in power-save mode. With sent by the access point, a [ ] is transmitted that contains a list of stationicast data frames are buffered in the access point.	ons for
	•	Traffic indication map (TIM)	[l pt]
adv	ertis	Agent advertisement messages can be sent as a beacon broadcast into the subnet. For sements, [ ] messages according to RFC1256 are used with some nion. (ii) [True/False] For registration reply, TCP packets are used for authentication and reliabiling Internet control message (or Internet control message protocol (ICMP); False	nobility
4.	[Tru	ne/False] In TCP congestion control, the TCP sender tries not to overwhelm the TCP rec	ceiver's
		space.	[l pt]
	•	False	[· P·
5. [	Tru	e/False] In indirect TCP, the mobile node replies an acknowledgment to the corresponding h	
	•	False	[l pt]
6. \	∕Vha	at does DSR stand for?	
	•	Dynamic source routing	[l pt]
7. I	n DS	SR, there are four major packets to consider, <i>Data</i> , <i>RREQ</i> , [ ], and [	].
	•	RREP (or route reply packet), RERR (or route error packet)	[l pt]
8. [	-	] reduces the number of client requests sent to an origin server and satisfie	s client
req	uest	ts without involving the origin server.	[l pt]
	•	Web cache (or Web caching) or Proxy server	
_		e/False] In wireless networks, the link quality between two communication parties can be d ling on the direction of transmission.	ifferent
	•	True	[l pt]
10.	-	] is a routable address for telephone call segment between home MSC and	visited
MS	<b>C</b> , ∨	isible to neither the mobile nor the correspondent.  Mobile Station Roaming Number (MSRN), or "roaming number"	[l pt]