Score:	/
Assignme	ent #1 - Questions
Part 1	
	Why are we using a Virtual Machine(VM) with Wireshark to capture network traffic for this assignment? Select All Answers That Apply  A. It is easier to 'sniff' the network traffic between the VM and the host compared to using the local loopback address.
	B. Wireshark has to be installed on a VM to work.
	C. We want to simulate network traffic between two network devices using a single physical computer.
	Answer Point Value: 2.0 points Answer Key: A,C
	The provided Client and Server applications are using the TCP protocol to communicate?  True
	C False
	Answer Point Value: 2.0 points Answer Key: True

Which of the following Ethernet LAN transmission rates are commonly deployed in both home and enterprise networks?			
C A. 1 Mbps			
C B. 10Mbps			
C. 100Mbps			
C D. 1Gbps			
C E. 10Gbps			
C F. A,B,C			
G. A,B,C,D			
<sup>С</sup> н. в,С,D,Е			
C I. B,C,D			
Answer Point Value: 2.0 points Answer Key: H			
Ethernet can only run over twisted-pair copper wire such as Cat 5 or Cat 6 cable.  True			
C False			
Answer Point Value: 2.0 points Answer Key: False			
The 802.11 b/g/n standard applies to:  A. Wired Networks			
B. Wireless Networks (WiFi)			
C. Cellular Networks			
C D. B &C			
C E. All of the above			
Answer Point Value: 2.0 points Answer Key: B			

Please match the media type to the prop	per propagation path
1. Copper Wire (Cat 5, Cat 6)	A. Guided Propagation, Vulnerable to RF/EMI Interference, More than 6 conductors
2. Fiber	B. Unguided Propagation, Vulnerable to RF/EMI Interference, Typically Used for LANs
3. Coax	C. Guided Propagation, NOT Vulnerable to RF/EMI Interference
4. Wifi	D. Guided Propagation, Vulnerable to RF/EMI Interference, 2 Conductors
5. Cellular	E. Unguided Propagation, Vulnerable to RF/EMI Interference, Typically Used for WANs
Answer Point Value: 2.0 points Answer Key: 1:A, 2:C, 3:D, 4:B, 5:E	
In general, packet switching allows more more efficient use of the link as compare True  False	
Answer Point Value: 2.0 points Answer Key: True	
Which of the following are sources of pactors of pactors and the following are sources of pactors of pactors of the following are sources of the following are source	cket delay in a packet switched network?
E. Queueing	
Answer Point Value: 4.0 points	

Answer Key: A,B,C,E

Denial of Service (DoS) attacks require the following in order to be successful
$\square$ A. Access to a Botnet or some group of hosts controlled by the attacker.
☐ B. Multiple attackers
$\hfill\Box$ C. Access to YouTube.com for instructions on carrying out the DoS attack
D. A target that does not have unlimited bandwidth
E. Elevated permissions on the target's server
Answer Point Value: 3.0 points Answer Key: A,B,D
What are the different layers in the Internet protocol stack?
A. State
☐ B. Application
C. Network
D. Link
E. Transport
F. Presentation
G. Session
H. Physical
Answer Point Value: 5.0 points

Answer Key: B,C,D,E,H