## EL-GY 5373 Online Quiz B

I. Answ			er True or False to the follow	ng questions:
	1.	ses ado	sion. It contains source IP add	the uniqueness of each IP communication dress, source port number, destination IP r, and Protocol Type five elements. b) False
	2.	pro	•	new protocol layer added to have TCP/IP n system interconnection (OSI) model. b) False
	3.		CSMA/CD, a frame transmission True	on could stop before the last bit is sent out b) False
		CSMA/CD always works no matter which frame size is in use to send data.  a) True  b) False  ARP (Address Resolution Protocol) is used to resolves a domain name to the		
	5.		responding IP address.	i) is used to resolves a domain name to the
			True	b) False
II. Select <u>ALL CORRECT</u> answers for the following questions:				
	1.	The	e link-state algorithm in Chapter	5 has the following properties:
		a)	it requires the source node to knodes in the graph	know the costs between every pair of adjacent
		b)	after the kth iteration, the least	st-cost paths are known to k nodes
		c)	•	hanging distance information with its ethe optimal routes to all other nodes
		d)	it determines the shortest path	from the source node to all other nodes
	2.	The	e ICMP protocol runs	
		a)	directly on top of IP	
		b)	on top of UDP	
		c)	on top of TCP	
		d)	over none of the protocols above	ve
	3.	. Suppose an application generates data chunks of 60 bytes every second, and e chunk gets encapsulated in a TCP segment with 20-byte header, and then encapsulated further in an IPv4 datagram. What percentage of each datagram contain application data.		
		a)	80%	b) 40%
		c)	60%	d) 20%