

Course name: Wireless Network
 Course Code: CNE405
 Lecturer: Dr. Ahmed ElShafee

Exam number: Quiz 02, model answer
 Exam Date: 07.05.16
 Time Allowed: 30 minutes

Name: _____

ID: _____

[1]	Total
/10	/10

MCO Answer Area

Attempt all the following question, mark your answer in the following tables correspondingly

Q	A	B	C	D	E	
1			<input checked="" type="radio"/>			C
2	<input checked="" type="radio"/>					A
3				<input checked="" type="radio"/>		D
4		<input checked="" type="radio"/>				B
5			<input checked="" type="radio"/>			C
6		<input checked="" type="radio"/>				B
7				<input checked="" type="radio"/>		D
8		<input checked="" type="radio"/>				B
9			<input checked="" type="radio"/>			C
10		<input checked="" type="radio"/>				B

Part 1: MCQ

1	Which best describes an ad hoc network? A. Basic service set B. Extended service set C. Independent basic service set D. Mesh network E. WiMAX network	C
2	If you have a small wireless network that connects devices such as your PDA and wireless headset to your PC, what is this network called? A. WPAN B. WLAN C. WMAN D. WWAN	A
3	If you have a wireless network that connects buildings for very long distances and covers a large geographic area, what is this network called? A. WPAN B. WLAN C. WMAN D. WWAN	D
4	If you have a wireless network that connects users in your office together at high speeds, what is this network called? A. WPAN B. WLAN C. WMAN D. WWAN	B
5	If you have a wireless network that connects buildings in your campus area that are line of sight, what is this network called? A. WPAN B. WLAN C. WMAN D. WWAN	C
6	Which of the following is true of independent basic service sets (IBSSs)? A. They only provide high-speed wireless across a campus environment. B. They only provide high-speed wireless in a small area, are limited in scope, and are not scalable. C. The can only send wireless signals about 10m. D. You must have multiple APs in order to make this function.	B



7	<p>What of the following is true of a basic service set (BSS)?</p> <p>A. They only provide high-speed wireless across a campus environment.</p> <p>B. They only provide high-speed wireless in a small area, are limited in scope, and are not scalable.</p> <p>C. The can only send wireless signals about 10m.</p> <p>D. They can use multiple APs to extend the WLAN.</p>	D
8	<p>The wired section of the network that is reachable through the AP is called what?</p> <p>A. IBSS</p> <p>B. Distribution system (DS)</p> <p>C. Ad hoc</p> <p>D. ESS</p>	B
9	<p>In order to create an ESS, what must you do to each AP?</p> <p>A. If you have two or more APs, they must be set to the same frequency channel.</p> <p>B. If you have more than one AP, they must be in separate VLANs.</p> <p>C. If you have two or more APs, they must have the same SSID name.</p> <p>D. One of the APs in the ESS must be in repeater mode.</p>	C
10	<p>If you have an ESS network, how does the client understand that it is communicating to different APs when it roams?</p> <p>A. It doesn't since the SSID is the same on all APs.</p> <p>B. The AP assigns a derived MAC address for each SSID on the AP.</p> <p>C. The MAC address of the hosts is stored in a MAC address table on the AP.</p> <p>D. The trunk link connected to the AP uses frame tagging to identify each frame.</p>	B