

# Other Protocol Questions

ECEn 526

Wireless Networking

April 6, 2020

Question	Points	Score
1	1	
2	3	
3	2	
4	3	
5	1	
6	2	
7	1	
8	2	
9	1	
10	1	
11	3	
12	1	
13	2	
14	2	
<b>Total:</b>	25	

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- 2

- 
- 3

5. (1 point) Why does BLE organize its data into services and characteristics?

6. (2 points) What is M2M? Why is it essential for the future of IoT?

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- 5

10. (1 point) How is LoRa different from LoRaWAN?

11. (3 points) Describe Class A, B, and C of LoRa devices.

12. (1 point) Why is using ACKs in a LoRa network not always a good idea?
13. (2 points) List two techniques LoRa uses to provide better range than WiFi.
14. (2 points) How does LoRaWAN deal with the same packet being received by multiple gateways? How does WiFi deal with this problem?