Lecture 12: Active Learning Questions

1. What organs make up the Central Nervous System? What is the Somatic Nervous System and what are its target organs? What are the branches of the Autonomic Nervous System? What are its target organs?

2. List 3 classifications of neurons. What is myelin? What specific nerves are myelinated? How does myelin help?

3. The central sulcus divides the brain into front and back halves. What is the major function of the front half? ...the back half? What part of the brain is responsible for speech formation? ...speech understanding?

4. Give 4 reasons why is it important to wear a helmet when bicycling.

5. In a fight-or-flight situation, which branch of the Autonomic Nervous System is activated? What happens to heart rate, heart contractility (strength of contraction) and blood clotting in a fight-or-flight state?