

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?