1. (1pt) Oligodendrocytes myelinate axons in the _______________ nervous system, and Schwann cells myelinate axons in the _______________ nervous system.

2. (1pt) Label as either sympathetic (S) or parasympathetic (P) nervous system:
   S or P  Digestion processes slow down or stop
   S or P  Bronchi constrict
   S or P  Heart rate increases
   S or P  Pupils dilate

3. (1pt)_________neurons take information to the muscles, while ___________ neurons take information from the sensory receptors.

4. (1pt)_________means towards the head and ________means towards the tail.
   a. rostral, caudal
   b. ventral, dorsal
   c. medial, lateral
   d. anterior, posterior

*** (1pt) Bonus: Name the CNS disease we discussed in class and briefly explain what is happening in the CNS and the results we may see because of it:

5. (3pts) Match the following brain structures/areas with their corresponding functions or descriptions:
   _____Medulla Oblongata    a. Relay sensory information to the cerebral cortex
   _____Cerebellum            b. Interconnected hollow chambers within the brain
   _____Ventricles            c. This structure controls breathing and heart rate
   _____Thalamus              d. The pia mater is one of the three layers that make up
   _____Hypothalamus          e. This hindbrain structure coordinates motor movement
   _____Meninges              f. This forebrain structure makes sure biological needs are met by controlling the autonomic nervous and endocrine systems

6. (3pts) Draw a typical multipolar neuron and label the following: Axon, Dendrites, Terminal Boutons, Soma, Myelin Sheath, Axon Hillock: