Structure of the Brain

1. Which part of the brain controls balance, posture, and coordination?

2. To which division of the nervous system do the brain and spinal cord belong?

3. Which part of the brain consists of two hemispheres? What are some of the functions it controls?

4. How is the structure of the cerebrum thought to relate to the evolution of human intelligence?

5. Which functions are controlled by the medulla oblongata?

6. What role is played by the pons and midbrain of the brain stem?

7. How might an injury to your cerebellum affect your movements?

8. What is meant by “white matter” and “gray matter”?
1. What is the control center of the entire nervous system?

2. Which part of the CNS is made up of the midbrain, pons, and medulla oblongata?

3. Which part of the nervous system carries impulses between the body and the central nervous system?

4. List three kinds of neurons that would be involved in a reflex impulse.

5. Which part of the brain sends impulses to the autonomic nervous system during life-threatening emergencies?

6. Compare the parasympathetic nervous system with the sympathetic nervous system.

7. Trace the pathway of impulses through the nervous system in response to feeling rain on your skin.