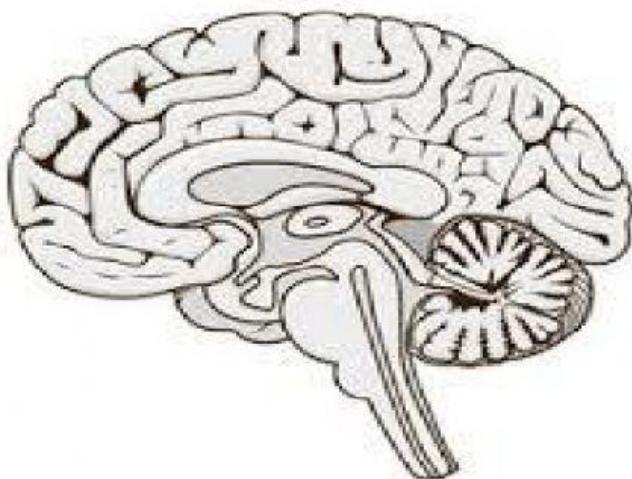


Name: \_\_\_\_\_

### **THE NERVOUS SYSTEM**

**Fill in the blanks with the correct answers. Please pay attention to the spelling of your words.**

1. The nervous system is divided into two parts the \_\_\_\_\_ nervous system and the \_\_\_\_\_ nervous system.
2. The \_\_\_\_\_ and the spinal cord makes up the \_\_\_\_\_ nervous system.
3. The \_\_\_\_\_ nervous system consists of \_\_\_\_\_ and spinal nerves as well as sense organs and neurons.
4. Label the parts of the brain below.



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5. The \_\_\_\_\_ is the part of the brain that is responsible for our balance and posture.

6. The \_\_\_\_\_ is the part of the brain responsible for involuntary muscular contractions such as breathing, coughing and peristalsis.

7. The \_\_\_\_\_ is the part of the brain that is responsible for our conscious thoughts, personality, memory, and problem-solving ability.

8. The \_\_\_\_\_ gland is the part of the brain that is often referred to as the master gland because it secretes a variety of hormones.

9. The \_\_\_\_\_ is the part of the brain that regulates the body's internal environment such as temperature.

10. Cells of the nervous system that specialize in the transmission of nervous impulses are called \_\_\_\_\_.

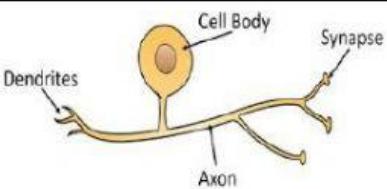
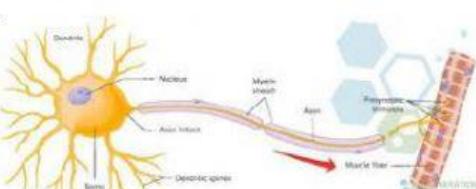
**11. Match the correct name and function of each neurone to its diagram.**

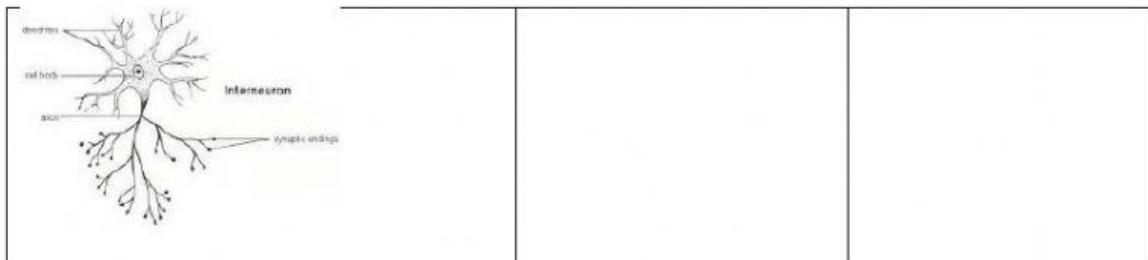
sensory neurone

motor neurone

relay neurone

transmits impulses from receptors to the CNS      transmit impulses from CNS to effectors      transmit impulses from sensory to motor neurones

Neurone	Name of neurone	Functions
		
		



The effectors respond to stimuli after receiving information from the motor neurons.

Examples of effectors include glands and \_\_\_\_\_.

**THE END**