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Biology (Spring)
LP 8, Day 6

Nervous System

Directions: Use your textbook p.874-894 and outside research to help you complete the Nervous System study.

What is the Nervous System?

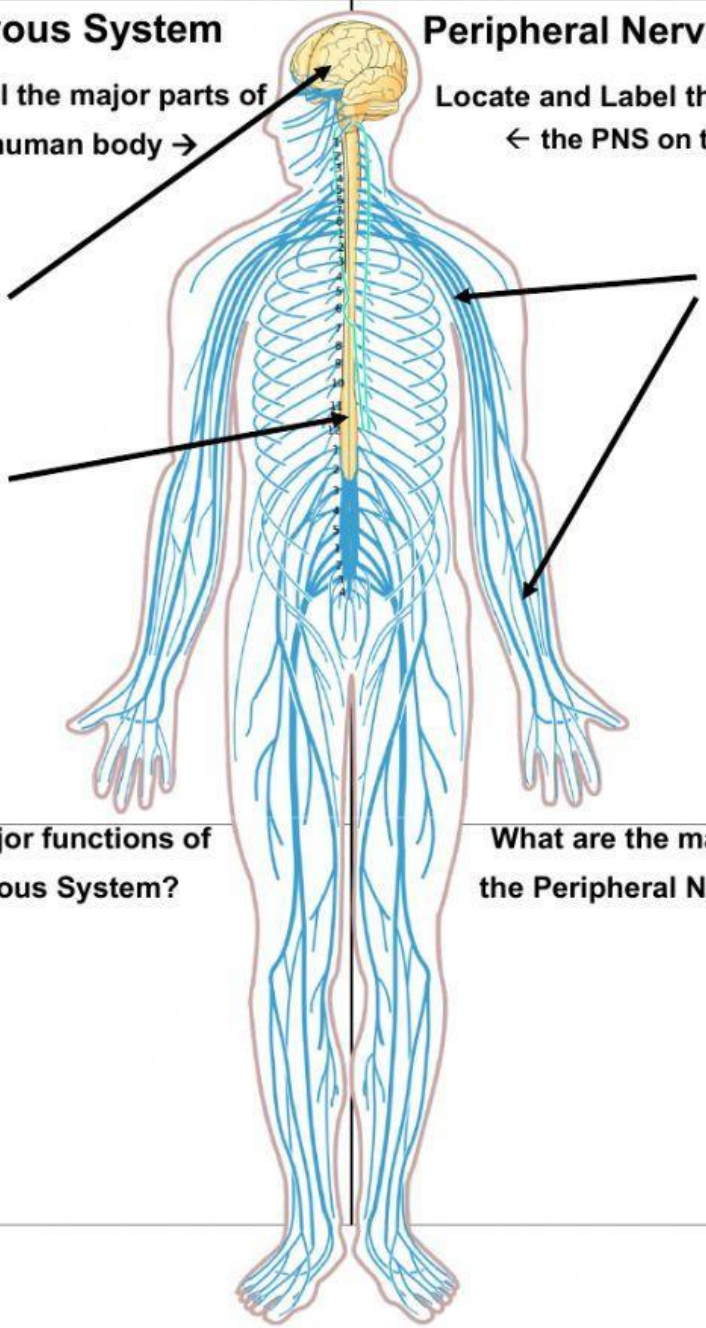
On the human body below, color the major parts of the CNS in BLUE. Color the major parts of the PNS in RED.

Central Nervous System

Locate and Label the major parts of the CNS on the human body →

Peripheral Nervous System

Locate and Label the major parts of ← the PNS on the human body



What are the major functions of the Central Nervous System?

What are the major functions of the Peripheral Nervous System?

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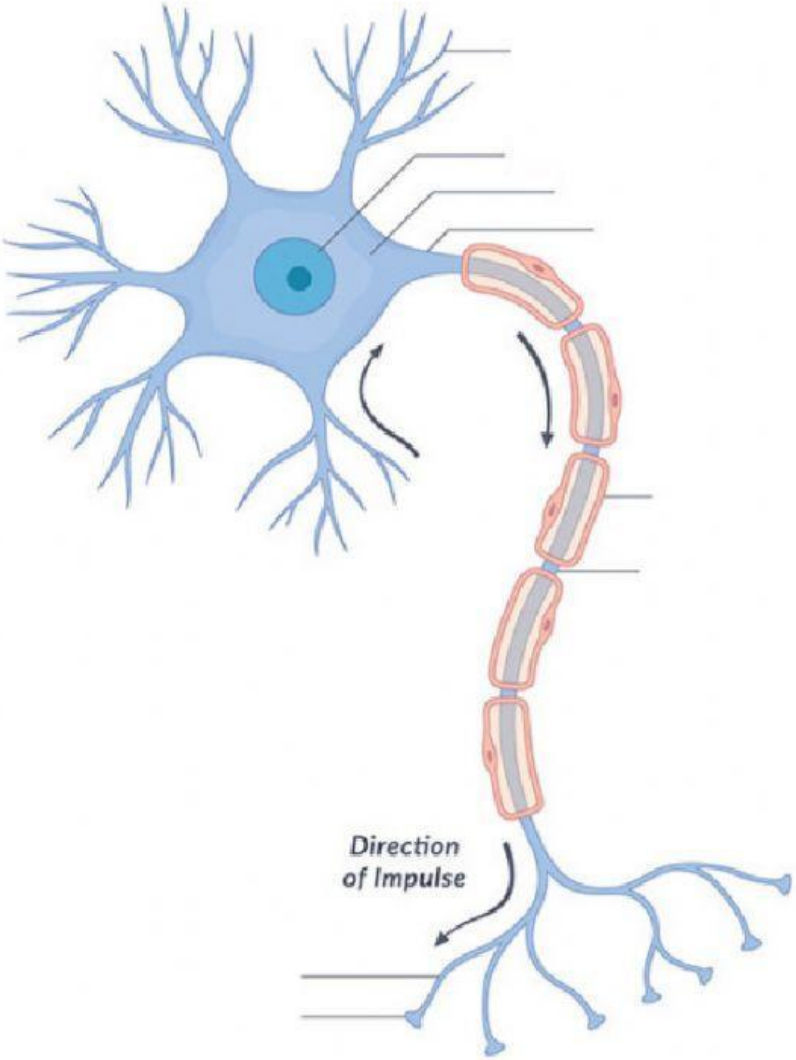
Nervous System (continued)

What is the function of the following major components of the nervous system?

- Brain:
- Spinal cord:
- Nerves:
- Neurons:

Diagram of Neuron

Label the neuron with the following parts: **Axon, Axon Terminal, Cell Body, Dendrite, Myelin Sheath, Node of Ranvier, Nucleus, Synapse**



Describe the path a nerve impulse travels throughout your body from stimulus to response.

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Nervous System (continued)

How does this system help maintain homeostasis in the body?	
Provide 2 examples of how this system works with other systems in the body.	
Example 1:	**Example 2:**
List 5 fun facts about this system.	**Describe 2 diseases associated with this system.**

LIVEWORKSHEETS