

Topic: Nervous System

Learning Objective/Outcome:

1. Identify the structures of the nervous system
2. Describe the main functions of the nervous system
3. Investigate how organisms respond to internal and external stimuli

Keywords/Questions

Notes

What are the three ways the nervous system helps adjust to changing stimuli?

Define stimulus.

Explain homeostasis.

What are the two parts of the nervous system?

What is found in the central nervous system?

What are the functions of the body's control center?

Define contralaterality.

What are the 4 lobes of the cerebrum?

What is the function of the cerebellum?

Explain the function of the brain stem.

What is the importance of the spinal cord?

What is the spinal cord made up of?

What is the peripheral nervous system made up of?

How many pairs of nerves are there in the PNS?

What two types of information do nerves carry?

Name and explain the special receptors in nerves.

What are the two parts that the PNS is divided into?

Explain what somatic and autonomic mean.

What are nervous system cells called?

What are the parts of a neuron?

How do neurons communicate?

Name and explain three neuron types.

What is a reflex arc?

Summary