

Chapter 7

Nervous System

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ control and coordination
- ❖ nervous system and mechanism of nervous coordination
- ❖ human nervous system

Teaching Aids

Pictures/charts/models/animation on structure of a neuron, a synapse, pathway of nerve impulse; human nervous system, structure of human brain, TS of spinal cord

Teaching Strategy

- ❖ Teacher will start the chapter by defining control and coordination in the organisms and the organ systems involved in it.
- ❖ Teacher will define nervous system, its parts and mechanism of nervous control.
- ❖ Now, teacher will discuss human nervous system by describing its parts and their functions.
- ❖ Then, teacher will discuss peripheral nervous system and autonomic nervous system and their significance to organisms.
- ❖ Now, teacher will ask students to solve 'Check Point'.
- ❖ At last, teacher will sum up the lesson by going through the points given under the head 'Wrapping It Up'.
- ❖ Teacher will finally help students to answer the questions given under the head 'Test Yourself'.

Boost Up

- ❖ Teacher can make students revise new terms given under the head 'Know These Terms'.
- ❖ Teacher can encourage students to learn the facts given under the head 'Something More'.
- ❖ Teacher can show animations related to the topics taught, if possible.

Expected Learning Outcomes

The students understand and know:

- ❖ control and coordination in the body
- ❖ nervous system, its structure and mechanism of nervous control
- ❖ human nervous system, its parts and their functioning
- ❖ two antagonistic systems of the body and their significance

Evaluative Questions

The teacher should ask the following questions to evaluate the students:

1. What is an impulse?
2. What are meninges?
3. What is the structural and functional unit of nervous system?
4. What is little brain? What is its function?
5. Give the number of cranial and spinal nerves.
6. Name two antagonistic systems of the body.