

The Nervous System

1. True or false. Motor neurons conduct impulses towards the central nervous system.
2. Name a disorder other than cancer for each of the following and indicate a possible cause and a means of treatment:
 - a) Musculoskeletal system,
 - b) Nervous system.
3. What is a neuron?
4. Distinguish between sensory, motor and interneurons (association neurons).
5. State a function of:
 - a) Schwann cells,
 - b) Myelin sheath.
6. In relation to Parkinson's disease or paralysis give:
 - a) A possible cause,
 - b) A method of treatment.
7. Briefly explain the role of neurotransmitter substances.
8. Name the small gaps between neurons.
9. Neurons produce neurotransmitter substances. What is their function?
10. Give an example of a reflex action in humans.
11. Give a function of the myelin sheath.
12. Why are reflex actions important in humans?
13. What is the role of the motor neuron?
14. Write notes on neurotransmitters.
15. What is a reflex action?
16. Give **one** example of a reflex action.
17. Suggest an advantage of reflex actions.
18. Name a disorder of the human nervous system.
19. In the case of a disorder of the human nervous system state: A possible cause. A means of prevention or a treatment.
20. A motor neuron carries impulses to the brain. **T or F**
21. The central nervous system is made up of **two** main parts. Name **each** part.
22. Name a disorder of the nervous system.

23. Give **one** cause of a disorder of the nervous system **and** suggest a means of treating the disorder.