

Day 72

Review Questions

1. What are the functions of the nervous system?
2. What are three types of neurons?
 - a.
 - b.
 - c.

Neurons

3. Is the following sentence true or false?

Sensory neurons carry impulses from the brain and the spinal cord to muscles and glands.

4. What is the function of the myelin sheath?

The Nerve Impulse

5. Is the following sentence true or false?

There are more sodium ions in the cytoplasm than in the fluid outside the cell.

6. The difference in electrical charge across the cell membrane of a resting neuron is called its:

The Synapse

7. What is the name of the location at which a neuron can transfer an impulse to another cell.

8. What are neurotransmitters?

9. What is the function of the central nervous system?

The Central Nervous System

10. The central nervous system consists of the _____ and the _____.

11. Name and describe the locations and functions of the three meninges.

12. The brain and spinal cord are bathed and protected by _____.

Match the part of the brain with its function.

Part of Brain

13. Cerebrum

- 14. Cerebellum
- 15. Brain stem
- 16. Thalamus
- 17. Hypothalamus

Function

- a. Coordinates/balances the actions of the muscles
- b. Regulates flow of information between the brain and the rest of the body
- c. Controls voluntary activities of the body
- d. Controls hunger, thirst, fatigue, anger, and body temperature
- e. Receives and relays messages from the sense organs

18. The two hemispheres of the brain are connected by a band of tissue called the _____ .

19. Identify the four lobes of the brain.

- a.
- b.
- c.
- d.

20. Is the following sentence true or false?

The left hemisphere of the cerebrum controls the body's left side.

21. Is the following sentence true or false?

The outer surface of the cerebrum is called the cerebral cortex.

22. What is gray matter, and where is it found?

23. The two regions of the brain stem are the _____ and the _____ .