

Chapter 35 Nervous System

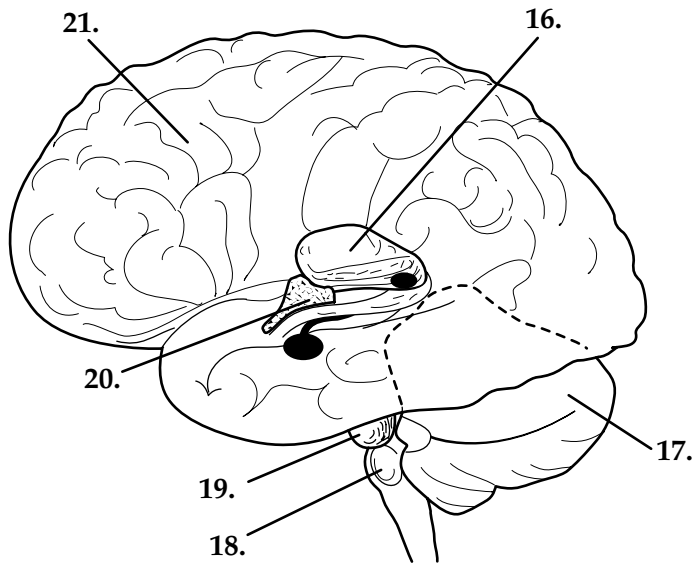
Chapter Vocabulary Review

Completion *On the lines provided, complete the following sentences.*

1. The four basic types of tissue are _____ ,
_____, _____ , and _____ .
2. The process by which organisms keep internal conditions relatively constant despite changes in their external environments is called _____ .
3. The process in which a stimulus produces a response that opposes the original stimulus is called _____ .
4. Short, branched extensions that carry impulses toward the nerve cell body are called _____ .
5. The difference in electrical charge across the cell membrane of a resting neuron is called _____ .
6. The minimum level of a stimulus that is required to activate a neuron is called the _____ .
7. The place where chemicals pass signals from one neuron to the next is called a(an) _____ .
8. The brain and spinal cord are wrapped in three layers of tissue known as _____ , between which and the nervous tissue is a space filled with _____ .
9. The sensory receptor, sensory neuron, motor neuron, and effector involved in a reflex form a(an) _____ .
10. Neurons that react directly to stimuli from the environment are called _____ .
11. Light enters the eye through a small opening in the middle of the iris called the _____ .
12. The two types of photoreceptors arranged in a layer in the retina are _____ and _____ .
13. Drugs known as _____ increase the action of the nervous system, whereas drugs known as _____ decrease the action of the nervous system.
14. A(An) _____ is an uncontrollable dependence on a drug.
15. A group of birth defects caused by the effects of alcohol on an unborn child is called _____ .

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Labeling Diagrams *On the lines provided, label the areas of the brain.*



- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____
- 21. _____

Multiple Choice *On the line provided, write the letter of the answer that best completes each sentence or answers the question.*

- _____ 22. A cell that carries messages through the nervous system is called a
 - a. rod.
 - b. dendrite.
 - c. cone.
 - d. neuron.
- _____ 23. A quick, automatic response to a stimulus is a
 - a. reflex.
 - b. stimulant.
 - c. reflex arc.
 - d. neuron.
- _____ 24. What part of your eye uses small muscles to change its shape so that you can focus on near or distant objects?
 - a. retina
 - b. lens
 - c. cornea
 - d. pupil
- _____ 25. The cochlea and semicircular canals can be found in the
 - a. inner ears.
 - b. eyes.
 - c. taste buds.
 - d. sensory receptors.