

Chapter 35 Nervous System **Section Review 35-1**

Reviewing Key Concepts

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

1. _____ are the basic units of structure and function in living things.
2. _____ consist of groups of similar cells that perform a single function.
3. _____ consist of groups of tissues that work together to perform a single function.
4. _____ consist of groups of organs that perform closely related functions.
5. Homeostasis is the process by which organisms keep conditions relatively constant even when _____ conditions do not remain constant.

Reviewing Key Skills

Classifying *On the line provided, write the name of the organ system described.*

- _____ 6. includes the brain, spinal cord, and peripheral nerves
- _____ 7. serves as a barrier against infection and injury
- _____ 8. includes bones, ligaments, cartilage, and tendons
- _____ 9. together with the skeletal system, gives the body the ability to move
- _____ 10. includes the heart, blood vessels, and blood
- _____ 11. brings oxygen to the body and rids the body of carbon dioxide
- _____ 12. controls growth, development, metabolism, and reproduction
- _____ 13. converts foods into simple molecules
- _____ 14. includes the kidneys, lungs, and urinary bladder

15. Applying Concepts One nonliving example of feedback inhibition is the thermostat and how it controls the heating system of a house. Give an example of feedback inhibition in the body, and explain how it maintains homeostasis.

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