

## Chapter 24 Mastery Test A

**Part A** Fill in each blank with the correct word or phrase from the Word Bank.

### Word Bank

brain stem	motor	reflex	spinal cord
eardrum	puberty	retina	
hormones	receptor	sensory	

1. The central nervous system has two parts, the brain and the \_\_\_\_\_.
2. Endocrine glands secrete substances called \_\_\_\_\_.
3. Coughing, blinking, and sneezing are examples of \_\_\_\_\_ actions.
4. The \_\_\_\_\_ vibrates when sound waves strike it.
5. The \_\_\_\_\_ has two kinds of receptor cells, rods and cones.
6. The period of rapid growth during adolescence is called \_\_\_\_\_.
7. \_\_\_\_\_ neurons carry impulses from the brain and spinal cord to muscles.
8. The \_\_\_\_\_ controls automatic activities such as digestion.
9. Sense organs have \_\_\_\_\_ cells that receive information about the outside world.
10. \_\_\_\_\_ neurons carry impulses from sense organs to the spinal cord or brain.

**Chapter 24 Mastery Test A, continued**

**Part B** Read each sentence. Write *T* if the statement is true or *F* if it is false.

- \_\_\_\_\_ 1. Taste buds can detect four kinds of tastes: sweet, sour, bitter, and salty.
- \_\_\_\_\_ 2. Impulses carry information from one nerve cell to another.
- \_\_\_\_\_ 3. The inner ear acts like a funnel to collect sound waves.
- \_\_\_\_\_ 4. Adrenalin and insulin are examples of hormones.
- \_\_\_\_\_ 5. The cerebellum controls thinking, learning, and remembering.
- \_\_\_\_\_ 6. The nervous system is made of glands.
- \_\_\_\_\_ 7. The cornea is the colored part of the eye.
- \_\_\_\_\_ 8. The small gap between neurons is a synapse.
- \_\_\_\_\_ 9. Puberty occurs during early adolescence.
- \_\_\_\_\_ 10. Receptor cells on the retina send impulses to the auditory nerve.

**Part C** Write the answer to each question.

1. What are the three parts of the brain?

\_\_\_\_\_

2. Which part of the ear contains receptor cells?

\_\_\_\_\_

3. What does a feedback loop do?

\_\_\_\_\_

4. What do receptor cells in the skin sense?

\_\_\_\_\_

5. Which part of the eye controls the amount of light that enters it?

\_\_\_\_\_