



Name _____

Period _____

Date _____

SECTION
28.3

INTERACTIONS AMONG SYSTEMS

Section Quiz

Choose the letter of the best answer.

- _____ **1.** Each organ system coordinates with other organ systems through
- a.** identical sensors and targets.
 - b.** their stem cells.
 - c.** connective and muscular tissue.
 - d.** chemical and nerve messages.
- _____ **2.** The long-term effects of a disruption of homeostasis include
- a.** regulation of the internal environment.
 - b.** the immune system takes control.
 - c.** destruction of organ systems.
 - d.** establishment of feedback mechanisms.
- _____ **3.** Which of the following organ systems interact to regulate the level of vitamin D produced in your body?
- a.** respiratory and circulatory
 - b.** endocrine and circulatory
 - c.** integumentary and skeletal
 - d.** endocrine and skeletal
- _____ **4.** Which of the following organs acts as the control center in thermoregulation of the body?
- a.** kidneys
 - b.** hypothalamus
 - c.** pancreas
 - d.** liver
- _____ **5.** What is another way of describing what happens to your body when you have a cold?
- a.** immune system damage
 - b.** vitamin D deficiency
 - c.** short-term disruption of homeostasis
 - d.** homeostatic mechanism destruction