

## CHAPTER REVIEW

# Chapter 11

## Fueling the Body

### I. Vocabulary Review

*Circle the word or phrase that does not belong.*

1. organic, calcium, iron, minerals, osteoporosis
2. protein, saliva, mechanical digestion, enzyme, chemical digestion
3. esophagus, small intestine, smooth muscle, peristalsis, teeth
4. surface area, villi, large intestine, chemical digestion, small intestine

*In the blank, write the word or words that best complete the sentence.*

5. Food provides energy and materials for growth and repair of cells in the form of \_\_\_\_\_.
6. The process that breaks down foods into smaller molecules is called \_\_\_\_\_.
7. The rates of many processes in the body are controlled by \_\_\_\_\_.
8. Absorption occurs through the walls of finger-like projections called \_\_\_\_\_.
9. When a person vomits, the process of \_\_\_\_\_ is reversed.

### II. Concept Review

*If the underscored word or phrase makes the sentence true, write "TRUE" in the space provided. If the underscored word or phrase makes the sentence false, write the correct term or phrase in the space provided.*

- \_\_\_\_\_ 10. Humans should get most of their energy from the fats they eat.
- \_\_\_\_\_ 11. Muscle contractions in the large intestine are much faster than those in the small intestine.
- \_\_\_\_\_ 12. Homeostasis is the process by which the smooth muscles of the esophagus move in waves to carry food to your stomach.
- \_\_\_\_\_ 13. Bacteria in the large intestine aid digestion.

### III. Skills/Process Review

*Use the table on page 66 to answer the following questions.*

14. Which menu follows the nutritional guidelines of the food guide pyramid more closely? Explain.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Chapter Review 11 (continued)**

	<b>Menu I</b>	<b>Menu II</b>
Breakfast	egg, sausage, toast, juice	cereal with milk, toast, orange
Lunch	cheeseburger, milkshake, french fries, applesauce, cookies	meatless spaghetti, green salad, garlic bread, apple, milk
Snack	peanuts	pretzels
Dinner	pepperoni pizza, lemonade, cheesecake	fish, rice, roll, broccoli, sherbet, milk

**15.** Compare Menu I and Menu II. Which menu would be best for someone who had a history of heart problems? Why? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**16.** At lunch, Menu I lists applesauce, and Menu II lists an apple. Nutritionally, is there any reason to choose one over the other? Explain. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**17.** Which menu is higher in calories? How do you know this? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**IV. EYV Review**

**18. Science and Society: Environmental Impact of Modern Agriculture** Why don't more farmers switch to sustainable methods? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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