Digestion and Excretion

Multiple Choice

Directions: On the line before each question or statement, write the letter of the correct answer.

1. The purpose of food labels is to
   A. list nutrients in food.
   B. give recipes for healthful foods.
   C. give the weights of food ingredients.
   D. describe allergic reactions to ingredients.

2. Mechanical digestion is to chemical digestion as
   A. chewing is to saliva.
   B. vitamins are to minerals.
   C. chyme is to gastric juice.
   D. elimination is to ingestion.

3. What does the pancreas produce that aids the process of digestion?
   A. bile
   B. chyme
   C. gastric juice
   D. amylase enzyme

Completion

Directions: On each line, write the term that correctly completes each sentence.

4. The ______________________ is the unit used to measure the amount of energy in food.

5. The ______________________ system absorbs, ingests, digests, and eliminates food.

6. Waves of muscle contractions in the organs of the digestive system are ______________________.

7. The ______________________ system collects and eliminates wastes from the body.

8. The ______________________ system excretes excess salt and water through sweat glands.

9. Nutrients called ______________________ are needed in small amounts for growth, regulating body functions, and preventing some diseases.

10. Proteins that help break down larger molecules into smaller molecules are ______________________.
Chapter Test C continued

11. A thin, watery mixture of food and gastric juices in the stomach is called ___________________.

12. The waste fluid produced when blood is filtered is called ___________________.

Interpreting a Diagram
Directions: Respond to the statement in the space provided.

13. Draw the urinary system. Label the bladder, kidneys, ureters, and urethra.

Short Answer
Directions: Answer each question or respond to each statement on the lines provided.

14. Analyze the way the kidneys function. Are they more like strainers or funnels? Explain your answer.

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15. Evaluate this statement: Water is not as important to the body as nutrient groups such as vitamins and minerals are.

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Chapter Test C continued

16. **Assess** why it is important to limit saturated fat in the diet but not eliminate all fat.

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17. **Assess** the effects of a shutdown of the kidneys on the body.

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18. **State** why the circulatory and the digestive systems must work together to provide the body’s cells with nutrients.

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Concept Application

**Directions:** Respond to each statement on the lines provided. Use complete sentences.

19. **Evaluate** how the phrase *garbage in, garbage out* applies to the digestive and excretory systems.

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20. **Outline** the path nutrients take from ingestion of food to use by the body’s cells.

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