

## **Chapter 2 Review**

**Goal •** Check your understanding of Chapter 2.

### **What to Do**

Circle the letter of the best answer.

1. Which tissue is responsible for transferring signals in the body?  
A. nerve tissue  
B. muscle tissue  
C. connective tissue  
D. epithelial tissue
2. Which mineral is important for the formation of red blood cell parts?  
A. calcium  
B. sulfur  
C. iron  
D. magnesium
3. What stage of digestion represents chewing a piece of apple into smaller bits?  
A. ingestion  
B. mechanical digestion  
C. chemical digestion  
D. absorption
4. What chambers pump blood out of the heart?  
A. ventricles  
B. atria  
C. aortas  
D. valves
5. The human heart makes a noticeable “lub dub” sound when beating. This sound is made by opening and closing of the  
A. atria  
B. ventricles  
C. aorta  
D. valves

March 13, 2011

Name:

Block:

6. About 55 percent of blood is composed of

- A. white blood cells
- B. platelets
- C. red blood cells
- D. plasma

7. Gas exchange in the human lungs takes place in the

- A. trachea
- B. bronchi
- C. bronchioles
- D. alveoli

8. What statement is NOT true ?

- A. The main purpose of the respiratory system is to exchange gases.
- B. Alveoli is where carbon dioxide goes from blood into alveoli and oxygen goes from air into blood.
- C. Bronchioles are the larger branches of the air tube and Bronchi are the smaller branches
- D. The larynx is your voice box
- E. The trachea is protected by a flap of skin during swallowing called epiglottis

**Match the Structures on the left with the best Descriptor on the right. Each Descriptor may be used only once and not all will be used**

<b>Term</b>	<b>Descriptor</b>
9. _____ kidney	A. tube to the outside
10. _____ ureters	B. tube from kidney to bladder
11. _____ urethra	C. produces bile to break down fat
12. _____ bladder	D. filters blood and removes waste
	E. balloon like organ that stores urine.

March 13, 2011

Name:

Block:

13. Peristalsis is \_\_\_\_\_  
A. Chemical digestion                      B. Mechanical Digestion.

<b>Match the Term on the left with the best Descriptor on the right. Each Descriptor may be used only once.</b>	
<b>Term</b>	<b>Descriptor</b>
_____ 14. arteries	A. tiny hairs that filter air and push particles
_____ 15. veins	B. long airway passage between lungs and throat
_____ 16. capillaries	C. also known as the voice box
_____ 17. trachea	D. carry oxygenated blood away from heart
_____ 18. larynx	E. carry deoxygenated blood back to heart
_____ 19. cilia	F. oxygen, nutrients, and glucose diffuse through the walls of these
	G. valves in the heart

20. True or False? There are millions of alveoli that make up your lungs.  
A. True                                      B. False