

# Digestive System Review

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## Understanding the Esophagus and Peristalsis

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about the esophagus and peristalsis.

1. What is the main function of the esophagus?

- A. To chew food
- B. To transport food to the stomach
- C. To absorb nutrients

2. Peristalsis is the process of \_\_\_ and relaxing muscles to move food.

3. Explain how the muscles in the esophagus help move food downward, even when a person is upside down.

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4. Peristalsis is a voluntary muscle movement.

- True       False

5. How long is the esophagus approximately?

- A. 5 inches
- B. 10 inches
- C. 15 inches

6. Psalm 139:14 reminds us that we are \_\_\_ and wonderfully made.

7. Why is peristalsis important for digestion?

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8. The muscles of the esophagus can only work when a person is standing upright.

- True       False

9. What does the word 'involuntary' mean in the context of peristalsis?

- A. You can control it
- B. It happens without thinking
- C. It is a slow process

10. What did you learn about God's design in the human body from this lesson?

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Answer Key

1. To transport food to the stomach 2. contracting 3. The muscles contract in a wave-like motion called peristalsis, which pushes food down regardless of body position. 4. False 5. 10 inches 6. fearfully 7. Peristalsis is important because it ensures that food moves smoothly through the digestive tract, allowing for proper digestion and nutrient absorption. 8. False 9. It happens without thinking 10. I learned that God's design in the human body is amazing because everything works together perfectly, like the muscles in the esophagus that help us eat even when we are lying down.