

Respiratory-Circulatory Connection Review

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Understanding How Our Body Systems Work Together

Name: _____

Date: _____

Answer the following questions based on what you learned about the respiratory and circulatory systems.

1. What is the first step in the process of oxygen reaching body cells?

- A. Oxygen is used by cells
- B. Oxygen enters the lungs
- C. Red blood cells pick up oxygen

2. Explain how red blood cells are involved in the transportation of oxygen. Why is this important for our bodies?

3. Oxygen is not necessary for living things to survive.

- True False

4. The process where blood carries oxygen through ____ to body cells is essential for life.

5. What do cells release after using oxygen?

- A. Oxygen
- B. Carbon Dioxide
- C. Nutrients

6. How does understanding our body make you appreciate God's design? Provide at least two reasons.

7. Oxygen enters the body through the skin.

- True False

8. God formed man from the dust and breathed into him the ____ of life.

9. What happens to oxygen after red blood cells pick it up in the lungs?

- A. It goes back to the lungs
- B. It travels to the muscles
- C. It is carried to body cells

10. What surprised you most about how oxygen travels?

Answer Key

1. 1 2. Red blood cells pick up oxygen in the lungs and carry it through the blood to body cells. This is important because cells need oxygen to produce energy for our bodies. 3. False 4. arteries 5. Carbon Dioxide 6. Understanding how the respiratory and circulatory systems work shows me how complex and efficient our bodies are. This makes me appreciate God's design because it shows His wisdom in creating us. 7. False 8. breath 9. It is carried to body cells 10. I was surprised to learn that red blood cells can carry oxygen to every part of our body. It's amazing how the body works together to keep us alive.