

Body Systems Showcase Review

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Understanding Homeostasis and God's Design

Name: _____

Date: _____

Answer the following questions based on what you learned about body systems and homeostasis.

1. What is homeostasis and why is it important for the human body?

2. Which of the following best describes how body systems work together?

- A. They operate independently
- B. They communicate and balance each other
- C. They do not influence each other

3. Homeostasis is the process by which the body maintains stable internal conditions.

True False

4. Psalm 139:14 says, 'I will give thanks to you, for I am ____ and wonderfully made.'

5. What surprised you about body system connections during this lesson?

6. Which body system is primarily responsible for transporting nutrients and oxygen?

- A. Nervous System
- B. Circulatory System
- C. Skeletal System

7. God's design in human body systems shows a lack of complexity.

True False

8. The ability of the body to keep its internal environment stable is called ____.

9. How does this lesson show God's amazing design in the human body?

10. What is one example of body systems cooperating to maintain homeostasis?

- A. The heart pumping blood
- B. The stomach digesting food
- C. The lungs exchanging gases

Answer Key

1. Homeostasis is the body's ability to maintain stable internal conditions. It is important because it allows the body to function properly and stay healthy. 2. They communicate and balance each other 3. True 4. fearfully 5. I was surprised to learn how different systems like the respiratory and circulatory systems work together to deliver oxygen to cells. 6. Circulatory System 7. False 8. homeostasis 9. This lesson shows God's amazing design because it reveals the intricate ways that body systems interact and depend on each other, reflecting His wisdom. 10. The heart pumping blood