

TEST NAME: **Delk Study Set 5.L.1.2**  
TEST ID: **1498524**  
GRADE: **05 - Fifth Grade**  
SUBJECT: **Life and Physical Sciences**  
TEST CATEGORY: **My Classroom**

Student: \_\_\_\_\_

Class: \_\_\_\_\_

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

1. Which example **best** shows structures that make up the digestive system in the human body?
  - A. heart, blood, vessels
  - B. nose, trachea, lungs
  - C. brain, spinal cord, nerves
  - D. esophagus, stomach, intestines
  
2. Which body system sends electrical signals to all other body systems?
  - A. circulatory system
  - B. digestive system
  - C. muscular system
  - D. nervous system
  
3. Which system of the human body provides protection to **most** of the major organs?
  - A. skeletal system
  - B. circulatory system
  - C. respiratory system
  - D. muscular system
  
4. **Which two human body systems are most responsible for getting oxygen to cells?**
  - A. digestive and skeletal
  - B. skeletal and circulatory
  - C. circulatory and respiratory
  - D. respiratory and digestive

5. Which **best** explains how the muscular system relies on the respiratory system?
- A. The respiratory system cools the muscular system.
  - B. The respiratory system acts as the support system for the muscular system.
  - C. The respiratory system brings oxygen into the body for the muscular system to use.
6. Which body system carries signals to and from the brain?
- A. respiratory
  - B. circulatory
  - C. nervous
  - D. skeletal
7. Which **best** describes the relationship between the cardiovascular system and the muscular system?
- A. The cardiovascular system captures carbon dioxide from the air for muscle energy.
  - B. The cardiovascular system produces red blood cells to bring oxygen to muscles.
  - C. The cardiovascular system provides a framework for muscle movement.
  - D. The cardiovascular system delivers oxygen for muscle energy.
8. Which **best** describes the purpose of the respiratory system?
- A. to supply oxygen to cells
  - B. to supply protection to organs
  - C. to supply food and nutrients to the body
  - D. to supply blood to the brain and muscles

9. In which system does the heart work to move blood throughout the body?
- A. digestive system
  - B. muscular system
  - C. respiratory system
  - D. cardiovascular system
10. Which **best** describes the relationship between the skeletal system and the circulatory system?
- A. The skeletal system transports red blood cells after the circulatory system produces them.
  - B. The skeletal system protects red blood cells and the circulatory system pumps those cells through veins and arteries.
  - C. The skeletal system produces red blood cells and the circulatory system transports those cells where they need to go.
  - D. The skeletal system helps put oxygen in red blood cells and the circulatory system helps those cells rid the body of carbon dioxide.
11. Which **best** describes the system that provides transportation for cell necessities using the bloodstream?
- A. muscular system
  - B. circulatory system
  - C. respiratory system
  - D. cardiovascular system
12. Which **best** describes the purpose of the muscular system?
- A. The muscular system carries messages from the brain to the bones to move the body.
  - B. The muscular system keeps the bones strong and protects them from being broken.
  - C. The muscular system produces energy the body needs to be able to move.
  - D. The muscular system allows movement of bones and helps maintain posture.

13. How do the muscular and skeletal systems work together to help the body?
- A. They provide blood to the body.
  - B. They provide nutrients to the body.
  - C. They provide structure and movement for the body.
  - D. They provide oxygen and carbon dioxide to the body.
14. When someone is exercising, which is **most likely** a function of both the circulatory and respiratory systems?
- A. to help the body sweat
  - B. to make the muscles work
  - C. to provide oxygen to the body
  - D. to protect bones from breaking
15. Which best describes the role of the respiratory system?
- A. It helps people stand upright.
  - B. It helps people eat and digest different foods.
  - C. It helps people transport blood throughout their bodies.
  - D. It helps people breathe in oxygen and breathe out carbon dioxide.
16. How does the muscular system depend on the nervous system?
- A. The nervous system transports blood to the muscles.
  - B. The nervous system provides support for the muscles.
  - C. The nervous system supplies food and oxygen to the muscles.
  - D. The nervous system sends signals to the muscles to cause movement.

17. Why is the digestive system so important for the human body?
- A. It circulates blood to all of the organs.
  - B. It moves oxygen through the lungs and into the blood.
  - C. It carries away waste products from the place they are created.
  - D. It breaks food into nutrients and moves the nutrients into the blood.
18. Which **best** describes the purpose of the skeletal system?
- A. It connects bones and muscles together.
  - B. It connects the organs of the body to the brain.
  - C. It provides support for the body and protects organs.
  - D. It provides energy to the bones and muscles so they can move.
19. Why is the digestive system important?
- A. It transports blood that cells need.
  - B. It provides oxygen that cells need.
  - C. It provides nutrients that cells need to produce energy.
  - D. It carries carbon dioxide and oxygen away from the body.
20. Which system is responsible for creating red blood cells?
- A. skeletal
  - B. nervous
  - C. muscular
  - D. circulatory