

1. Which of these is an important part of the nervous system?

- A. spinal cord
 - B. stomach
 - C. veins
 - D. muscles
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2. To prevent disease, the human body naturally produces

- A. enzymes.
 - B. antibodies.
 - C. toxins.
 - D. viruses.
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3. Which system breaks down food?

- A. immune system
 - B. digestive system
 - C. respiratory system
 - D. nervous system
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4. The place on the body where two bones come together is called a

- A. nerve.
 - B. joint.
 - C. valve.
 - D. ligament.
-

5. Messages travel to the brain along

- A. nerves.
 - B. skin.
 - C. bones.
 - D. muscles.
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6. A person's heart is about the same size as his or her

- A. fist.
 - B. thumbnail.
 - C. head.
 - D. eye.
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7. The long tube that brings food from the mouth to the stomach is called the

- A. bladder.
 - B. esophagus.
 - C. large intestine.
 - D. spinal cord.
-

8. Which activity causes the lungs to work their hardest?

- A. reading
 - B. eating
 - C. swimming
 - D. sleeping
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9. One of the most important functions of the skin is to

- A. carry food to body cells.
 - B. help the body move.
 - C. protect the body.
 - D. let food into the body.
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10. When you are hot, the skin helps cool you off by

- A. tanning.
 - B. shivering.
 - C. peeling.
 - D. sweating.
-

11. Which gives shape and support to the human body?

- A. brain
 - B. heart
 - C. skeleton
 - D. stomach
-

12. Which protects the body's organs?

- A. skin and bones
 - B. muscles and lungs
 - C. bones and stomach
 - D. muscles and brain
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13. Dominique has a stuffy nose, has trouble breathing, and coughs a lot. Which of her body systems is being affected?

- A. circulatory
 - B. respiratory
 - C. skeletal
 - D. nervous
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14. The human body has several systems that remove waste from the body. The respiratory system is responsible for removing which of these from the body?

- A. urea
 - B. feces
 - C. oxygen
 - D. carbon dioxide
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15. What is a function of the skeletal system in the human body?

- A. to allow the brain to communicate with all parts of the body
 - B. to provide the body with oxygen while removing carbon dioxide
 - C. to protect the body's major organs, such as the brain, heart, and lungs
 - D. to transport oxygen, nutrients, and wastes to and from cells in the body
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16. Mary wrote a science fiction story about another planet. The animals who lived there were similar to animals on Earth. On her planet, however, the animals do not breathe. Which body part would be of no use to the animals on her science fiction planet?

- A. brain
 - B. heart
 - C. lungs
 - D. stomach
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17. Which organ shown below distributes oxygenated blood to the rest of the body?



18. Which of these elements is carried by blood to all of your body cells to provide them with the fuel they need to function?

- A. oxygen
 - B. nitrogen
 - C. carbon dioxide
 - D. sugar
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19. Lyndie is jumping on a trampoline and notices she is breathing harder and her pulse is faster. Which organs are working to cause this to happen?

- A. sense organs
 - B. heart and lungs
 - C. brain and stomach
 - D. liver and kidneys
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20. Lyme disease is caused by a bacteria transmitted to animals through ticks. How does an animal's immune system respond to this pathogen?

- A. It produces antibodies.
 - B. It produces more mitochondria.
 - C. It produces more red blood cells.
 - D. It produces antibiotics.
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21.

Mary visits her doctor for her yearly check-up. A routine urine test reveals the presence of excess sugar as well as other impurities in the blood. Mary also has swollen ankles and her blood pressure is higher than normal. Based on this evidence, which organ system may not be functioning properly?

- A. digestive
 - B. excretory
 - C. reproductive
 - D. respiratory
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22.



Dr. Seehorn is forced to do an emergency surgery on a patient after an accident. He removes part of organ X, shown shaded in the picture above. What will the patient have more trouble doing after the surgery?

- A. getting enough oxygen
 - B. fighting off infections
 - C. breaking down ingested food
 - D. removing waste from the body
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23.

What is the major purpose of the endocrine system?

- A. It is involved with the digestion of food.
- B. It sends oxygen and nutrients around the body.
- C. It releases hormones and controls other organs.
- D. It provides protection against germs and other invaders.

24. **What is the body's *first* line of defense against disease?**

- A. Enzymes
- B. Blood
- C. Antibodies
- D. Skin

Answer Key

1. A) spinal cord
2. B) antibodies.
3. B) digestive system
4. B) joint.
5. A) nerves.
6. A) fist.
7. B) esophagus.
8. C) swimming
9. C) protect the body.
10. D) sweating.
11. C) skeleton
12. A) skin and bones
13. B) respiratory
14. D) carbon dioxide
15. C) to protect the body's major organs, such as the brain, heart, and lungs
16. C) lungs
17. C) 
18. A) oxygen
19. B) heart and lungs
20. A) It produces antibodies.
21. B) excretory

22. C) breaking down ingested food

23. C) It releases hormones and controls other organs.

24. D) Skin
