

Name

Class

Date

1. What is the function of alveoli?

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| a) Structures in the small intestine that help absorb nutrients. | b) Part of a vein which stops blood flowing back the wrong way. |
| c) Tiny air sacs in the lungs where gas exchange occurs. | d) Tubes that carry oxygenated blood around the body. |

2. What does the circulatory system include?

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| a) The organ that pumps blood to the lungs and around the body. | b) A system which includes the heart, veins, arteries, and blood transporting substances around the body. |
| c) An organ which processes waste from the blood and produces bile. | d) Organs which filter blood and make urine from the waste and excess water. |

3. What is the role of the kidneys in the human body?

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| a) They filter blood and make urine from the waste and excess water. | b) They are tiny air sacs in the lungs where gas exchange occurs. |
| c) They carry the deoxygenated blood back to the heart. | d) They process waste from the blood and produce bile. |

4. What is the purpose of the valve in the circulatory system?

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|---|---|
| a) To help absorb nutrients in the small intestine. | b) To carry oxygenated blood around the body. |
| c) To stop blood flowing back the wrong way down the tube between pumps of the heart. | d) To filter blood and make urine. |

5. What are villi?
- a) Tiny air sacs in the lungs where gas exchange occurs.
 - b) Structures in the small intestine that help absorb nutrients.
 - c) Tubes that carry oxygenated blood around the body.
 - d) Part of a vein which stops blood flowing back the wrong way.
6. Where does gas exchange take place in the lungs?
- a) In the heart
 - b) In the capillaries
 - c) In the alveoli
 - d) In the arteries
7. What is the function of the villi in the small intestine?
- a) To pump blood
 - b) To release brain chemicals
 - c) To absorb nutrients into the blood vessels
 - d) To carry oxygenated blood away from the heart
8. What do arteries carry?
- a) Oxygenated blood away from the heart
 - b) Waste products
 - c) De-oxygenated blood toward the heart
 - d) Nutrients including water
9. What is the smallest blood vessel in the body where the exchange of water, nutrients, oxygen, and carbon dioxide takes place?
- a) Artery
 - b) Capillary
 - c) Alveolus
 - d) Vein
10. Which of the following is a benefit of regular exercise?
- a) It helps you sleep more easily
 - b) It decreases the amount of oxygen around the body
 - c) It has negative effects on the body
 - d) It weakens muscles including the heart muscle

11. What does a healthy diet involve?

- a) Eating only proteins in the right amounts
- b) Consuming large amounts of drugs and alcohol
- c) Ignoring the balance of nutrients
- d) Eating the right types of nutrients in the right amounts

12. What are the negative effects on the body caused by?

- a) Regular exercise
- b) A healthy diet
- c) Strengthening muscles
- d) Drugs, alcohol, and smoking

13. What job does the heart do?

- a) Pumps blood to the lungs and around the body
- b) Carries blood around the body
- c) Takes nutrients from the intestine
- d) Gets rid of carbon dioxide

14. Which gas needs to be removed from the body by gas exchange and respiration?

- a) Carbon dioxide
- b) Oxygen

15. Deoxygenated blood ...

- a) doesn't have enough oxygen in it
- b) has enough oxygen in it