|  |  |
| --- | --- |
| **Organ Systems Test [1558355]** | |
| Student |  |
| Class |  |
| Date |  |

|  |  |
| --- | --- |
| **1.** | 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. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **2.** | Which two human body systems work closely together to distribute nutrients from food throughout the body? |
|  |
|  | |  |  | | --- | --- | | **A.** | muscular and skeletal | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | digestive and circulatory | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | circulatory and respiratory | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | cardiovascular and digestive | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **3.** | Which statement ***best*** summarizes the relationship between the muscular system and the cardiovascular system? |
|  |
|  | |  |  | | --- | --- | | **A.** | The heart is protected from injury by the breastbone. | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | Nutrients are carried to the heart through arteries and veins. | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | Messages are carried by nerves between the brain and the heart. | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | The heart contracts and expands as it pumps blood throughout the body. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **4.** | Which body system’s main purpose is to help the body move? |
|  |
|  | |  |  | | --- | --- | | **A.** | digestive system | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | muscular system | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | respiratory system | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **5.** | Which describes a task performed by the circulatory system? |
|  |
|  | |  |  | | --- | --- | | **A.** | sending messages to the brain | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | controlling muscle movement | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | transporting waste materials | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | producing energy from foods | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **6.** | Which two body systems work together to take in oxygen and release carbon dioxide? |
|  |
|  | |  |  | | --- | --- | | **A.** | muscular and skeletal | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | digestive and circulatory | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | respiratory and muscular | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | circulatory and respiratory | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **7.** | Which system is controlled by involuntary muscle movement in the diaphragm? |
|  |
|  | |  |  | | --- | --- | | **A.** | digestive | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | respiratory | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | cardiovascular | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **8.** | 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. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **9.** | The circulatory system transports waste through the bloodstream. Which is the ***best*** example of another system working to remove waste from the body? |
|  |
|  | |  |  | | --- | --- | | **A.** | The respiratory system releases carbon dioxide. | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | The skeletal system produces new red blood cells. | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | The digestive system breaks down food into nutrients. | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | The nervous system send signals from the brain to the muscles. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **10.** | How does the skeletal system benefit the digestive system? |
|  |
|  | |  |  | | --- | --- | | **A.** | It protects organs within the system. | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | It supplies blood to organs within the system. | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | It provides oxygen to organs within the system. | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | It provides nutrients to organs within the system. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **11.** | **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 | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **12.** | Which ***best*** describes the function of the skeletal system? |
|  |
|  | |  |  | | --- | --- | | **A.** | It transports oxygen to cells and tissues. | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | It gives shape and support to the human body. | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | It takes in and breaks down all necessary nutrients for the body. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **13.** | Which body system includes the lungs? |
|  |
|  | |  |  | | --- | --- | | **A.** | respiratory system | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | digestive system | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | skeletal system | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **14.** | 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 | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **15.** | What do the muscular system and skeletal system have in common? |
|  |
|  | |  |  | | --- | --- | | **A.** | Both systems protect the brain. | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | Both systems pump blood to the body. | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | Both systems are made up of soft material. | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | Both systems assist the body with movement. | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **16.** | Which major body **system breaks down food to release nutrients needed for energy production?** |
|  |
|  | |  |  | | --- | --- | | **A.** | digestive | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | muscular | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | respiratory | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | cardiovascular | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **17.** | Which system moves waste from the digestive system? |
|  |
|  | |  |  | | --- | --- | | **A.** | nervous system | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | muscular system | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | circulatory system | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **18.** | Which body system is responsible for supplying the body with oxygen and removing carbon dioxide? |
|  |
|  | |  |  | | --- | --- | | **A.** | nervous | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | digestive | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | muscular | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | respiratory | |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **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 task in the human body is accomplished through the combined efforts of the cardiovascular and muscular systems? |
|  |
|  | |  |  | | --- | --- | | **A.** | protecting major body organs | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | pumping blood throughout the body | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | releasing waste products from the body | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | moving water and nutrients from one organ to another | |
|  |  |
|  |  |