Cells and Systems Topic 6 - Body Systems in Humans Practice Quiz

1.	This organ system carries nutrients throughout the body, so that specialized cells can perform specialized functions. This body system is the digestive system
	integumentary system
	circulatory system
	respiratory system
2.	Each body system works with other body systems to perform its function effectively. When different gases are exchanged in the lungs and then transported throughout the body, the systems working together are the respiratory and integumentary
	respiratory and digestive
	respiratory and circulatory
	respiratory and sensory
3.	The excretory system is connected to other systems, such as the circulatory system and the digestive system. The excretory system's primary function is to get rid of wastes
	get nutrients to the cells
	exchange gases

to protect the other systems

4.	Sensory awareness is important for all living things, so they can respond and adapt to their environment. When your muscles 'quiver' because you are cold, they generate wastes
	heat
	blood flow
	a nutrient imbalance
5.	A knee-jerk reaction is a simple example of a feedback system that is controlled by the nervous system in the body. A sharp tap of the reflex hammer to the knee sends a signal, up the spinal cord, to the brain, where the brain interprets and then sends a message to the leg to react. The stimulus in this example is the reflex hammer
	brain
	spinal cord
	leg
	Check your Answers

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1.	This organ system carries nutrients throughout the body, so that specialized cells can perform
	specialized functions. This body system is the

digestive system

integumentary system

circulatory system (Text p. 146) The circulatory system circulates blood delivering nutrients, exchanging gases and riding the body of wastes

respiratory system

2. Each body system works with other body systems to perform its function effectively. When different gases are exchanged in the lungs and then transported throughout the body, the systems working together are the ...

respiratory and integumentary

respiratory and digestive

respiratory and circulatory (Text p. 148) These systems regulate gases in the body by exchanging and transporting these gases

respiratory and sensory

3. The excretory system is connected to other systems, such as the circulatory system and the digestive system. The excretory system's primary function is to ...

get rid of wastes (Text p. 151) The Excretory System

get nutrients to the cells

exchange gases

to protect the other systems

