Life Science Grade 5 Quiz

Teacher's Answer Key

1. What are ways that the human body can detect temperature? (Thermoreceptors are the nerve endings in our skin that detect changes in temperature. They're located in the dermis, or second layer of skin, and we have both cold receptors and warm receptors.)
2. What are the two main types of muscles? (voluntary and involuntary)
3. Give two examples of a muscle group. (Example: cardiac muscles, smooth muscles)
4. What is the smooth, hard, protective layer on the outside of bones called? (cortical bone)
5. What is the inside spongy, porous, honeycombed bone called? (cancellous bone)
6. Which body system is the heart a part of? (cardiovascular system) What are some of the jobs? (delivering nutrients and oxygen, disposing of waste, regulating body temperature, fighting disease, maintaining homeostasis)
7. Which body system are your lungs a part of? (respiratory system) What are some other parts in this system? (trachea, diaphragm, nose, mouth, etc.)
8. What is pH and how is it useful? (a measurable scale that lets us know how acidic or basic something is) What pH is considered acidic? (1-4)
9. What is the process called that moves food along the digestive tract and how does it work? (Peristalsis occurs when smooth muscles along the digestive tract expand and contract to move food.)
10. What do your kidneys do, and how do they do it? (The kidneys remove waste material, minerals, and fluids from the blood and put it in the urine by acting as a filter.)

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Student Worksheet

Name_____

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5. What is the inside spongy, porous, honeycombed bone called?

6. Which body system is the heart a part of? What are some of the jobs?

7. Which body system are your lungs a part of? What are some other parts in this system?

8. What is pH and how is it useful? What pH is considered acidic?

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