1. What is the function of the nervous system?
2. Compare and contrast the structures and the functions of dendrites and axons.
3. What is the function of myelin sheath?
4. What is an impulse?
5. Explain how a knee-jerk reflex occurs.
6. Describe how an impulse is transmitted across the synapse.
7. How can an impulse be stopped?
8. What does CNS stand for? What does it contain?
9. Describe the pathway of the impulse when you touch something hot.
10. What are the four types of receptors? What kind of stimulus does each one respond to?
11. Compare and contrast a) somatic vs. autonomic nervous system and b) sympathetic vs. parasympathetic nervous system.
12. Why is homeostasis important in living organisms?
13. Compare and contrast negative and positive feedback loops. Which one is more common? Why?
14. What is the function of the endocrine system?
15. What are the three components of the endocrine system? How do the three components work together?
16. Hormones reach the target cells through _____________.
17. Which hormone is directly related to diabetes? Explain. Where is this hormone produced?
18. How do hypothalamus and pituitary glands work together?
19. Where is the adrenal gland located? How does it help you face dangerous situations?
20. What are the glands in males and females that produce gametes?
21. Be able to label the different glands on a human body, the hormones they produce, and the effects of those hormones.