**Crash Course: Nerves Part 1**

1. The three principle functions of the nervous system are:

2. What is “integration”?

3. What are the 2 main parts of the N.S. **and** what do they consist of?

4. Draw the organizational chart of the N.S. and briefly describe each division:

5. Describe each of the 6 types of neuroglial cell…

6. What are the three qualities that all neurons have in common?

7. How are dendrites and axons different?

8. How are neurons classified by shape? How are they classified by function?

**Crash Course- Nerves Part 2**

1. Explain how a neuron is like a battery.

2. Use the terms voltage, current, and resistance as they relate to the human nervous system.

3. What is a neuron’s electrical “potential” at rest?

4. What little bit of “machinery” is responsible for creating “resting membrane potential”? How does it work?

5. A resting neuron is polarized. What does it take to depolarize it?

6. What is threshold potential?

7. The strength of an action potential never changes. What does? (2 things!)

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