**On an 8.5” x 11” lined piece of paper, hand-write your responses to the following questions, using complete sentences. You must fill one side of the paper with high quality writing. Thanks!**

1. Describe the transmission of a neural impulse from one neuron to another, characterizing ion flows, potential differences inside and outside the neuron(s), and the release of neurotransmitters.
2. Explain what happens, at a cellular level, when you get a splinter. Your answer should be a description of the immune cells and signal molecules involved in an inflammatory response.