Directions: In the space provided, use Standard English and grammatically correct sentences to respond to the question or statement (unless otherwise noted). A general response will earn a general grade of 70%, while a correct and detailed answer will receive 100% of the possible points. Note point values. If your cell phone activates the audible tone, you owe us all chocolate!!

1. Describe the process (not need gory details) of lymph formation and movement through lymphatic vessels. (10)

2. Describe the generalized structure and function of lymph nodes. (15)

3. Use a line drawing to illustrate the shape and important features of an antibody. Describe two different mechanisms of “attack” elicited by the binding of Ag+Ab. (10, 5)
4. Use a vaccine to illustrate the primary and secondary humoral immune responses. You may choose to draw a graph to help you explain what is going on—BUT you must then use sentences to explain the graph. (20)

5. In class we discussed three different mechanisms that caused cell lysis. Choose one, and describe in detail. (10)
6. Use the human immunodeficiency virus that causes AIDS to illustrate the central role of helper T lymphocytes in immune function. That is, why does the virus ultimately devastate the immune system (disregarding antiretroviral pharmacotherapy)? (30)