

Lymphatic and Immune System Mini-test April 11, 2007 Name \_\_\_\_\_

Directions: Answer in the space provided. Read the question or statement carefully and respond accordingly using complete sentences and standard grammar unless otherwise noted. Note point values.

1. Use a flow chart format to outline the flow of lymph from an afferent vessel near the hallux to the left subclavian vein. (5)

2. List 5 different classes of non-specific defense mechanisms (except inflammation). (5)

a.

b.

c.

d.

e.

3. Draw a stick figure diagram of an antibody. What type of molecule is an antibody? List 3 actions set in motion with antibody binding. (5=2,3)

Drawing:

List 3 actions:

a.

b.

c.

4. Draw and label a graph of antibody titers following primary and secondary exposure to an antigen. In a few sentences explain the physiology of what the graph shows (10).

5. Use sentences or an outline/phrase format to demonstrate your understanding of the important aspects of inflammation. What chemicals and responses are involved, and how do they function in defense? How are they inter-related. (10)

6. Use this figure to explain the effect of HIV on the immune system such that AIDS ultimately results. (15!!!)