**Chapter 43 - Immune System Guided Reading Questions**

1.Distinguish between innate and acquired immunity.

2. Describe the inflammation response.

3.Distinguish between the following pairs of terms:

1. antigens and antibodies (include epitope)
2. B cells and T cells
3. cantibodies and B cell receptors
4. primary and secondary immune responses
5. humoral and cell-mediated response
6. active and passive immunity

4. Explain how B lymphocytes and T lymphocytes recognize specific antigens.

5. Explain why the antigen receptors of lymphocytes are tested for self-reactivity.

6. Describe clonal selection and distinguish between effector cells and memory cells.

7. Describe the cellular basis for immunological memory.

8. Explain how a single antigen can provoke a robust humoral response.

9. Describe the role of MHC in the rejection of tissue transplants.

10. Describe an allergic reaction, including the roles of IgE, mast cells, and histamine.

11. Describe some of the mechanisms that pathogens have evolved to thwart the immune response of their hosts.

12. List strategies that can reduce the risk of HIV transmission.

13. Describe invertebrate immune response, is this innate or acquired?