



**Text p. 908 - 916 READING FOCUS QUESTIONS:**

- >Generally (big picture) describe humoral immunity and cell-mediated immunity
- >Identify cells, proteins, MHC involved in each cell-mediated vs. humoral immunity
- >What is the role of T helper cells (Th) in each
- >Describe relationship btwn CD4 & CD8 receptors with MHC I and MHC II 'self' cells
- >What is clonal selection? Where does it occur? When does it occur? Why?
- >Distinguish between epitopes, antigens, antibodies. (in a concept generalization!?)
- >Name 4 ways antibodies target antigens for destruction. (Ultimately, antigens are destroyed in one of two ways)
- >What is complement protein activation?
- >Distinguish between natural killer cells (NK) and cytotoxic T cells (T<sub>C</sub>)

**Text p. 916 - 921 READING FOCUS QUESTIONS:**

- >Distinguish between active and passive immunity.
- >Distinguish between natural and artificial immunity. Provide examples of natural active, natural passive, artificial passive, and artificial active immunity!
- >What type of immunity creates memory cells? Why?
- >Explain why tissue grafts and transplanted organs may be rejected by their new host.
- >Are allergic reactions over stimulation of the humoral or cell-mediated immune response?
- >Explain how allergic reactions are stimulated and perpetuated.
- >How does HIV target and eventually destroy the human immune system?

**PRINT LABELED AND UNLABELED DIAGRAMS FOR CHAPTER 43:**

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|--------------------------------------|-------|
| 43.1                                 | 43.13 |
| 43.5                                 | 43.14 |
| 43.6                                 | 43.16 |
| 43.7                                 | 43.17 |
| 43.8                                 | 43.18 |
| 43.9                                 | 43.20 |
| 43.10** this one is REALLY important |       |
| 43.11                                |       |
| 43.12                                |       |