

Chapter 27.4 Reading Guide Packet: Immunity and Disease

Biology B

Name _____ Period _____

1. What is the germ theory of disease?
2. What is a *pathogen* and what are some examples?
3. What are some ways that infectious disease can spread?
4. What is another important category of diseases that are not infectious?
5. What are *nonspecific defenses* and what are some examples?

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12. What is a *vaccine* and how does it work?

13. Use Figure 27-35 on page 941 to answer the following questions:

a. How is *humoral immunity* different from *cell-mediated immunity*?

b. Why are memory B and memory T cells important in *specific immune response*?

14. How is the immune system involved in *allergies*?

15. What is *asthma*?

16. What are *autoimmune diseases* and what are some examples?

17. How does *HIV* cause *AIDS*?