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 <i>pathogen</i> 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?	

Chapter 27.4 Reading Guide Packet: Immunity and Disease Biology B

6.	For nonspecific defenses, compare and contrast the first line of defense and the second line of defense.	
7.	How does the <i>inflammatory response</i> fight infection?	
8.	How does <i>fever</i> fight infection?	
0	How is a specific defence different from a paragraphic defence?	
9.	How is a specific defense different from a nonspecific defense?	
10	. What main principle underlies the immune system's specific defenses?	
11	. What is an antigen and how does the immune system typically respond to them?	

Chapter 27.4 Reading Guide Packet: Immunity and Disease Biology B

12. What is a <i>vaccine</i> 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 <i>specific immune response</i> ?
14. How is the immune system involved in <i>allergies</i> ?
15. What is asthma?
16. What are autoimmune diseases and what are some examples?
17. How does <i>HIV</i> cause <i>AIDS</i> ?