The Immune System: Immune System Overview

1.	Name two of the major functions of the immune system:			
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	Name the defense system respo	onsible for protecting the body from a	all foreign substances:	
	Name the defense system response	onsible for attacking particular foresi	gn substances:	
2.	Name the three main lines of defense and give an example of each:			
	Line of defense	Example		
			_	
3.	When the surface barriers (inna	ate external defenses) are penetrated,	what is the next line of defense?	
4.	This defense mechanism (name	ed in question 6) identifies enemies b	by recognizing unique	
	to the pathogens.			
5.	Name the two types of lymphocytes involved in the adaptive defense:			
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	Now the four law was a law.			
6.	•	ive defenses differ from innate defens	ses:	
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7.	B and T lymphocytes recognize pathogens by binding to them. The lymphocyte recognizes the			
	found on the antigen.			
Hum	noral Versus Cellular Immunity			
8.	immunity is directed against pathogens in the extracellular fluid. What type of			
	lymphocyte is involved in this type of immunity?12immunity is			
	directed against pathogens within the cells. What type of lymphocyte is involved in this type of			
	immunity?13. What types of cells produce antibodies?			
	Which type of immunity involves antibodies?			
9.	Name three circumstances in which cellular immunity would be activated to attack living cells:			
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	•			
10.	Determine which of the following situations is mediated by humoral or cellular immunity. Place an X in			
	the box for the correct immunity.			
Situa	ation Humoral Immunity Cellular Immunity			
Canc	cerous cell			
Bacte	eria in extracellular fluid			
Trans	splanted cell from another person			
Virus	s-infected cell			