

Lymphatic and Immune Systems Unit Question Set #1

1. What are the main functions of the lymphatic system (possibly three)?
2. What other systems does the lymphatic system most resemble?
3. List the differences between lymphatic fluid, blood plasma, and interstitial fluid.
4. Where do defenses against infectious agents begin?
5. What protein makes the epidermis flexible, strong, and hard to penetrate?
6. What is the name for the process by which cells engulf and destroy foreign matter and cellular debris?
7. What causes itchy, watery eyes from exposure to dust, pollen, or animal dander?
8. What can excessive amounts of histamine do to the body?
9. Name two treatments for anaphylaxis.
10. What is the difference between HIV and AIDS?
11. What do body cells display on their surface when they are infected by viruses or bacteria?
12. The chart below gives the percentage of the population (between 15 and 49 years of age) infected with HIV in selected countries. Answer the following questions:
 - a. What percentage of people between 15 and 49 years of age in Canada have contracted HIV?
 - b. List, in descending order, the six countries in the Western Hemisphere with the highest incidence of HIV, based on percentage of HIV infections.
 - c. Of the countries listed in the chart, is the average incidence of HIV greater in Asia or Europe?

Percentages of Age 15 to 49 Population with HIV in Select Countries			
Country	%	Country	%
Argentina	0.5	Japan	0.1
Canada	0.2	Mexico	0.3
Chile	0.4	Mozambique	11.5
China	0.1	Nigeria	3.6
Colombia	0.5	South Africa	17.8
France	0.4	United Kingdom	0.2
Germany	0.1	United States	0.6
India	0.3		