

Unit 1: Lesson 1 – Organs and Tissues of the Immune System

1. In one or two sentences briefly describe the functions of organs and tissues of the immune system:

a. Adenoids	
b. Appendix	
c. Bone marrow	
d. Lymph nodes	
e. Lymphatic vessels	
f. Nasal cavity	
g. Peyer's patches	
h. Skin	
i. Spleen	
j. Thymus	
k. Tonsils	

2. Describe what a pathogen is and how it functions.
3. Refer to the lesson glossary and compare your descriptions with those in the glossary. Make any necessary corrections to your descriptions above.

4. Use this model of the human body and internal organs to answer the next set of questions.



4. a. Label the parts of the body associated with the immune system.

a. Adenoids

b. Appendix

c. Bone marrow

d. Lymph nodes

e. Lymphatic vessels

f. Nasal cavity

g. Peyer's patches

h. Skin

i. Spleen

j. Thymus

k. Tonsils

4. b. Circle five lymph nodes in different regions of the model using a marker or colored pencil. Number them from 1 to 5.
4. c. Describe what area of the body each lymph node would best protect from infection using the number from your circles.
5. Write a few sentences about whether you feel it is important that the lymph system is spread throughout the body and why.
6. a. Identify 2 other systems that have a network of vessels throughout the body.
6. b. Write a short passage to explain how each might be related to the immune system.