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

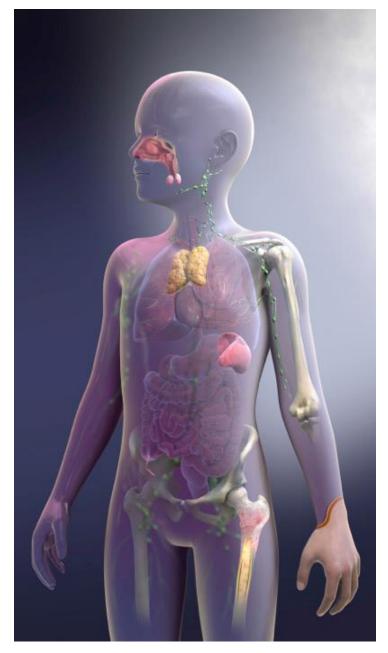
1. In one or two sentences briefly describe the functions of organs and tissues of the immune system:

| 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

d. Lymph nodes

g. Peyer's patches

j. Thymus k. Tonsils

b. Appendix

e. Lymphatic vessels

h. Skin

k. T

c. Bone marrow

f. Nasal cavity

i. Spleen

| 4. b. Circle five lymph n | odes in different re | gions of the mo | odel using a mar | ker or colored |
|---------------------------|----------------------|-----------------|------------------|----------------|
| pencil. Number the | em from 1 to 5. | | | |

| 4. c | . Describe what area of t | ne body each | lymph node | would best pr | otect 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.

 $6.\ b.\ Write\ a\ short\ passage\ to\ explain\ how\ each\ might\ be\ related\ to\ the\ immune\ system.$

