

Name \_\_\_\_\_

## Lymphatic System: Protecting Against Disease and Cancer

Instructions: Read the provided passage carefully and answer the following questions to the best of your ability.

### Part A: Comprehension Questions

Describe the main function of the lymphatic system. \_\_\_\_\_

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What role do lymph nodes play in the lymphatic system? \_\_\_\_\_

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Identify and explain the roles of T-cells and B-cells in fighting infections.

T-cells: \_\_\_\_\_

B-cells: \_\_\_\_\_

How does the lymphatic system contribute to the detection and prevention of cancer?

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## Part B: Fill in the Blank

The lymphatic system is a \_\_\_\_\_ network of components working together to defend the body.

Lymph nodes swell when \_\_\_\_\_ are present, aiding in early detection.

B-cells produce \_\_\_\_\_ to trap and destroy disease-causing germs.

T-cells migrate to the site of \_\_\_\_\_ to assist in its eradication.

## Part C: True or False

Lymphocytes are not involved in the body's immune response. (True/False) \_\_\_\_\_

The lymphatic system only plays a role in preventing the spread of diseases, not cancer.

(True/False) \_\_\_\_\_

## Part D: Short Answer

In your own words, summarize the importance of the lymphatic system in maintaining good health.

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