



# Silent Bells



ഫസ്റ്റ് ബെൽ - അനുബന്ധ പഠനസഹായകസാമഗ്രി

Class : 10

Subject : Biology

(Date : 27/11/2020)

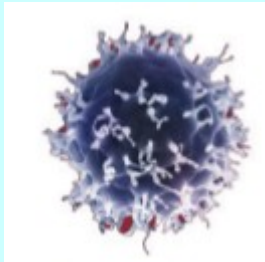
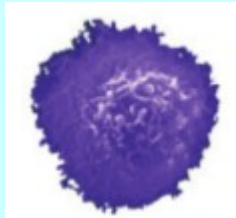
Wrksheet No : 32

Chapter 5  
Soldiers of defense

[Victers Link](#)



1. Explain the terms given below.
  - a) Specific defense
  - b) Antigen
2. Name the white blood cells participate in specific defense.
3. Compare different types of lymphocytes and complete the table.

B - lymphocytes	T - lymphocytes
	
Formed in the bone marrow	.....
.....	Mature in the <b>thymus gland</b>
B- Lymphocytes produce certain proteins that act against antigens. These are called <b>antibodies</b> .	1. .... 2. Destroy the cells affected by virus. 3. ....



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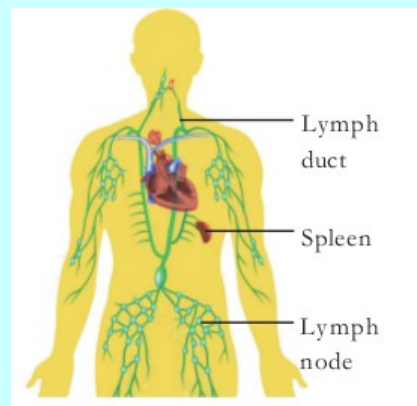


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4. How do antibodies destroy pathogens ?
5. Prepare a note on the role of lymphocytes in specific defense mechanism.
6. Complete the illustration showing the defense mechanisms of blood.



7. Observe the illustration of lymphatic system and answer the following questions.



- a) Which are the parts of lymphatic system ?
- b) How does lymph help in defense mechanisms ?



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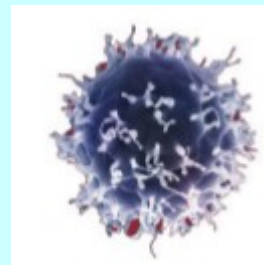
8. Given below is the picture of white blood cells which are parts of specific defense?

A



Destroys  
cancer cells

B



Neutralise the  
toxins of the  
antigens

(a) Identify A and B

(b) Write any other activity of A and B to destroy pathogens .

(c) Give the reason why their activities are known as specific defense.

9. Find out the odd one and write the common features of others ?

Neutrophil, Eosinophil, Lymphocyte, Monocyte