



A JOINT VENTURE OF DIET AND SSK, PALAKKAD



INTERBELL

INTERVENTION BASED ON EFFECTIVE LIESURE LEARNING

BIOLOGY

STD 10

VICTERS DIGITAL CLASS

PART NO :30

DATE: 18/11/2020

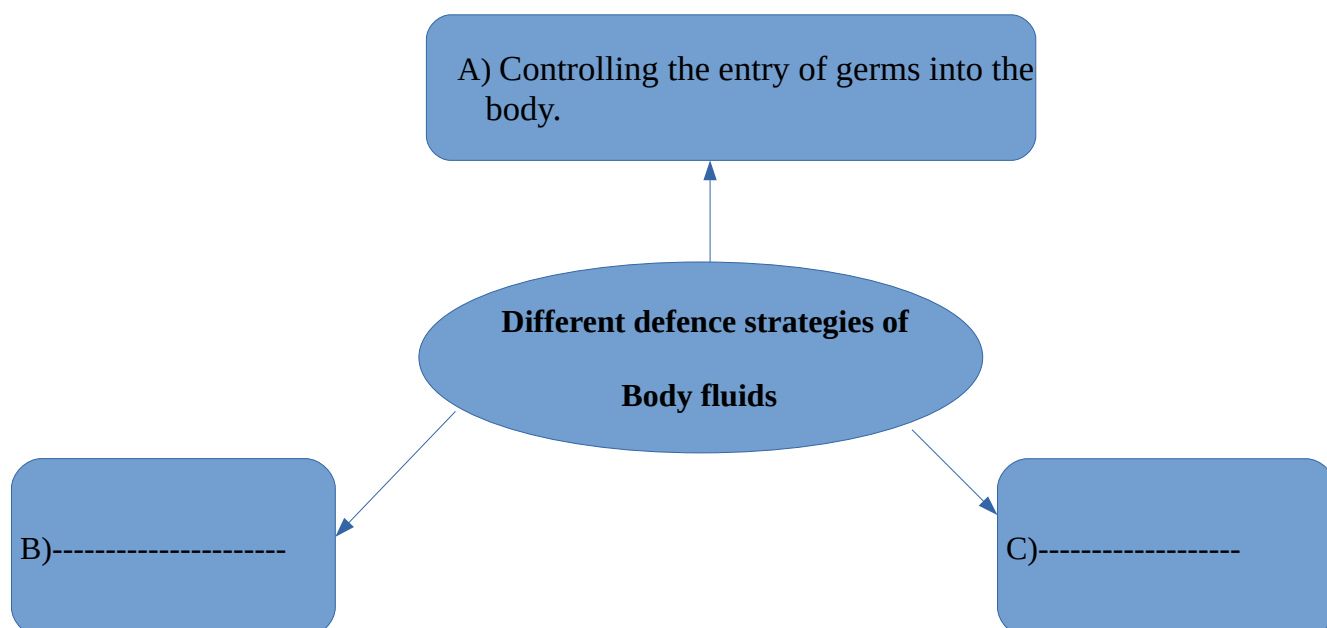
5

Soldiers of Defense







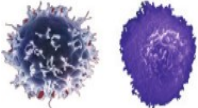
ACTIVITY 1

Complete the word web



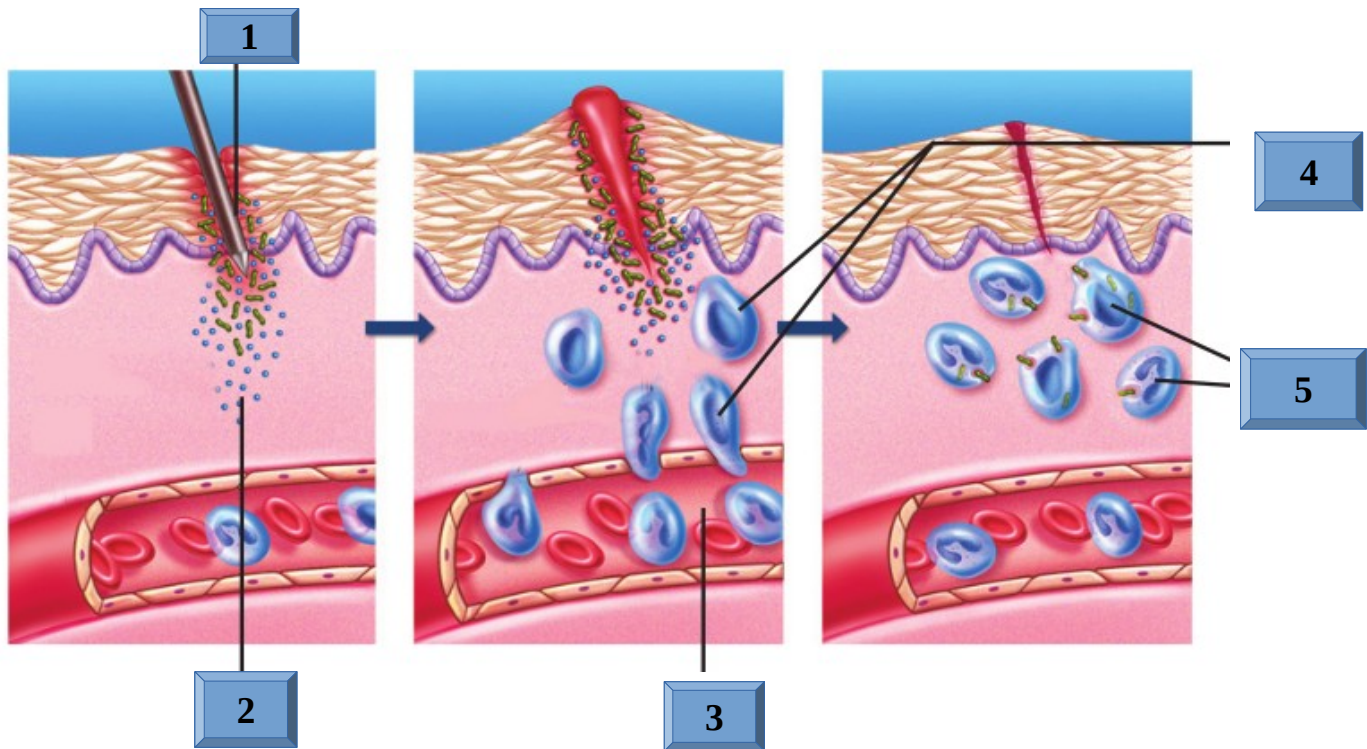
ACTIVITY 2

Complete the table related to white blood cells and Defense actions.

White Blood Cells		Defense Action
	Neutrophil	
	Basophil	-----
	Eosinophil	Synthesizes chemicals that destroy foreign bodies. Synthesizes chemicals required for the inflammatory responses.
	Monocyte	-----
	Lymphocyte	-----

ACTIVITY 3

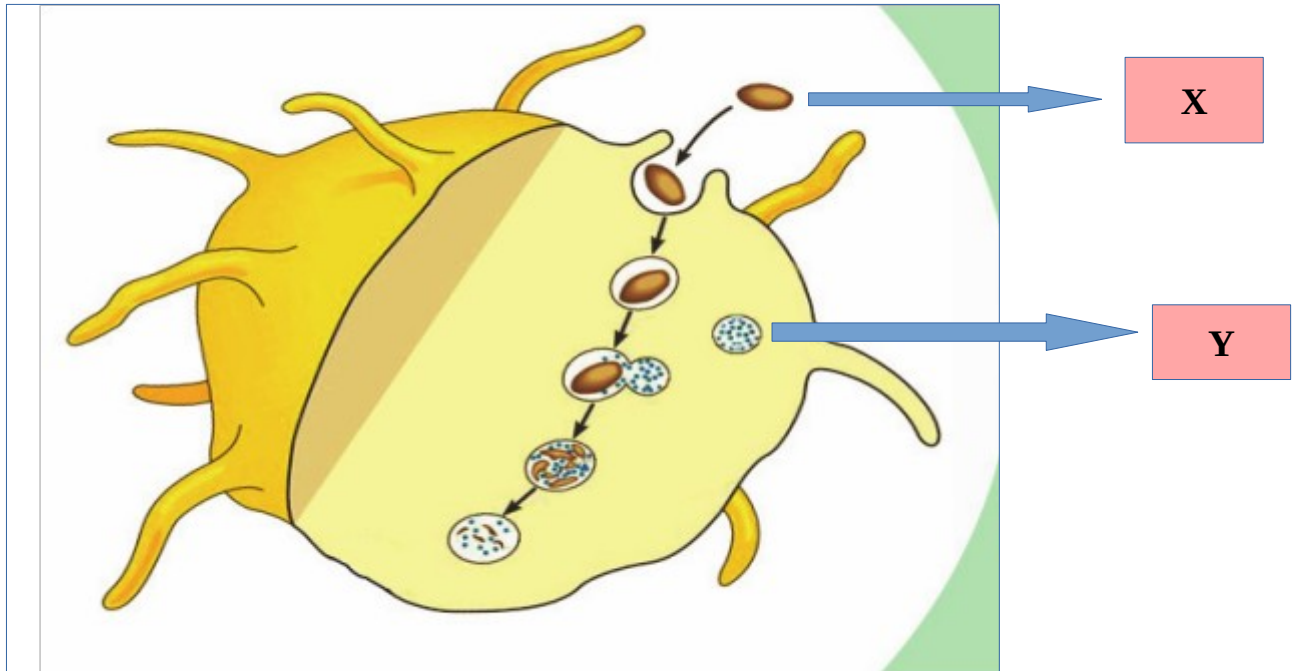
The given illustration explains how the inflammatory response takes place when a wound occurs. Analyse it and write in the correct sequence



Hints:(White blood cells reach the wound site through the walls of the capillaries, Blood capillaries dilate, Germs enter through wounds, Neutrophils and monocytes engulf and destroy germs, Chemicals are produced)

ACTIVITY 4

Observe the illustration and answer the questions.



a) Which is the process illustrated?

b) What does X and Y indicate?

c) Name the white blood cells involved in this process?

ACTIVITY 5

Rearrange the steps involved in the process of phagocytosis in correct sequence and prepare it in a flowchart form

- a) Lysosome combines with membrane sac.
- b) They engulf pathogen in the membrane sac.
- c) The pathogens are degenerated and destroyed by the enzymes in lysosome.
- d) Phagocytes reach near the pathogen.



[CLICK HERE TO VIEW ONLINE BIOLOGY CLASS 30](#)