

A JOINT VENTURE OF DIET AND SSK, PALAKKAD



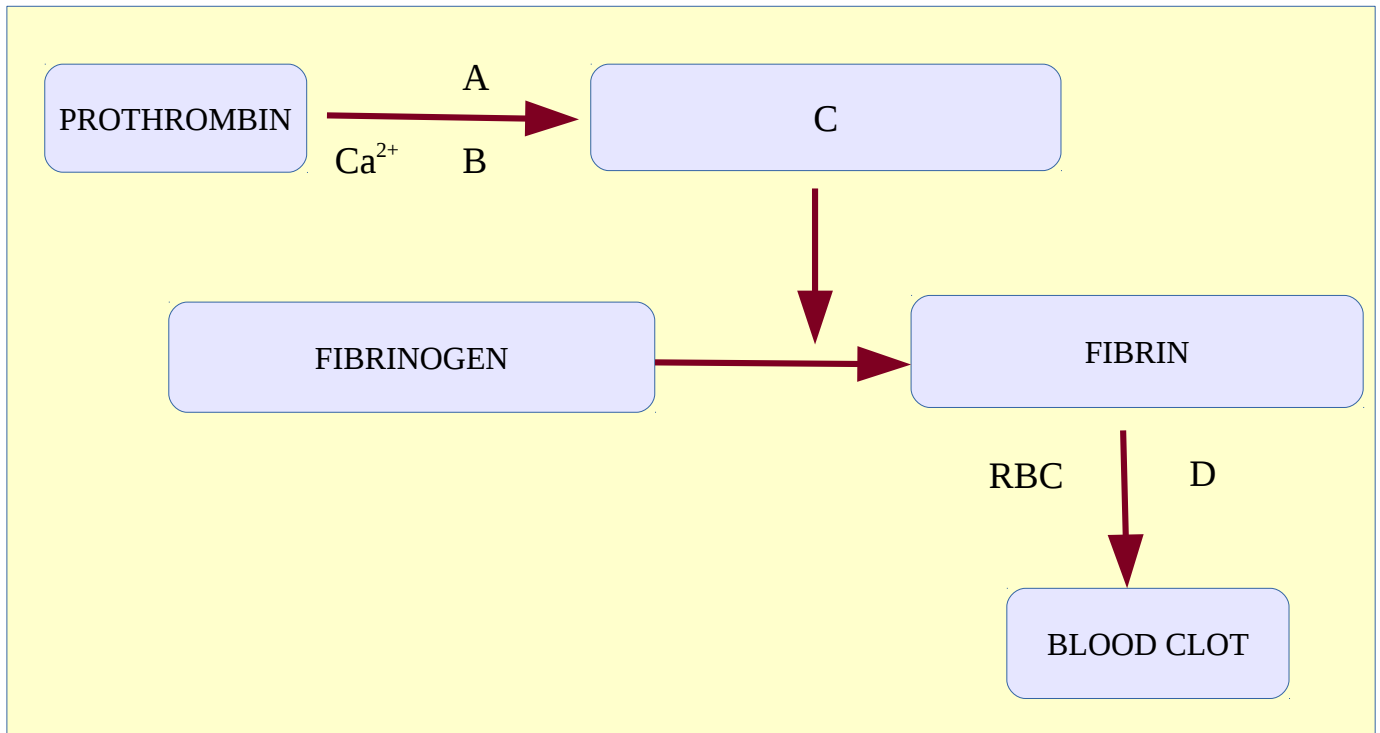
**WORKSHEET FOR X
CLASS NO: 31**

**BIOLOGY
X (E.M)**

Date : 24/11/2020



I Observe the flow chart given below and find out answers for the following questions:



- A is a vitamin and B is an enzyme. Name them.
- How does the lack of A and B affect the blood clotting process.
- Identify and write the names of C, D .
- What is the significance of blood clotting?

II Analyse the given statements and answer the questions.

- White Blood Cells are not entangled, while Red Blood Cells and Platelets get entangled in fibrin network for the formation of blood clot. Why?
- Some wound scars remains while some scars do not remains. Why?

III Prepare a flow chart of the blood clotting by using the following hints.

- 1 Thromboplastin converts Prothrombin to Thrombin
- 2 Blood flows from the wound.
- 3 Blood clot is formed.
- 4 Thrombin converts Fibrinogen to Fibrin
- 5 Tissues and Platelets at the site of wound degenerate to form the enzyme called Thromboplastin

IV Analyse the conversation given below and find out answers for the following questions:



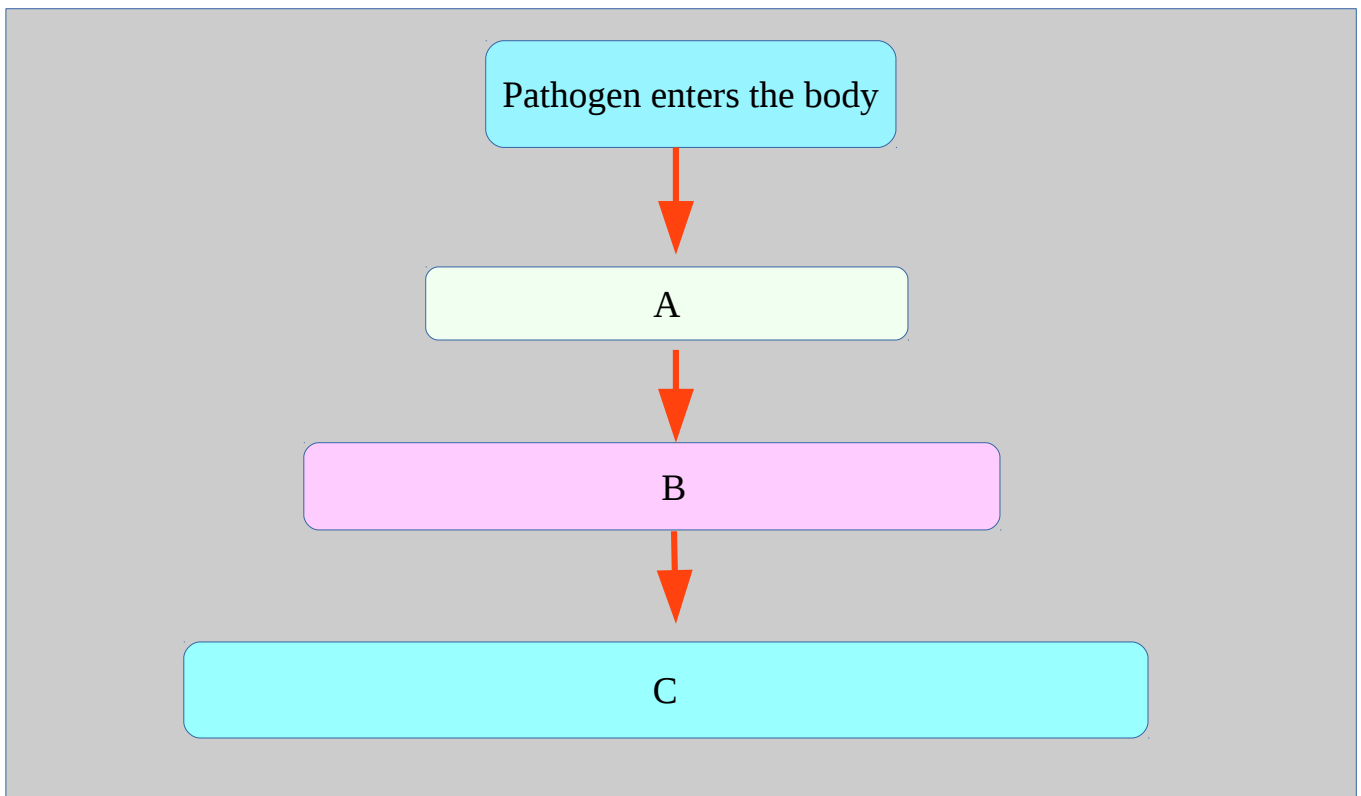
My body temperature raises when I get wounded while playing .Why?

Fever is a defence mechanism of our body.



- a. What is the role of White Blood Cells in this process?
- b. How could we attain defence through raise in body temperature?
- c. Why do we take medicines during fever?

V Complete the flow chart related to fever.

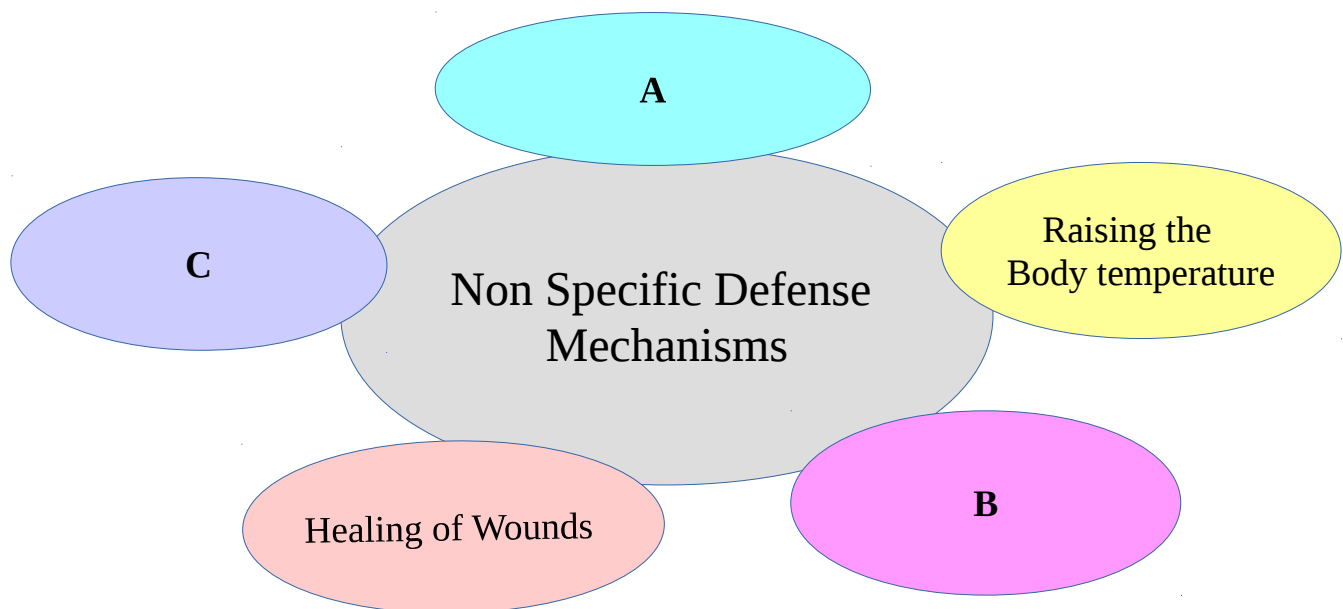


VI Name the following:

- The clinical test to detect the cause of excess bleeding or lack of clotting of blood.
- Identify the picture given below. Write the name and function.



VII Complete the concept map of Non Specific Defense Mechanism.



SOLDIERS OF DEFENSE

