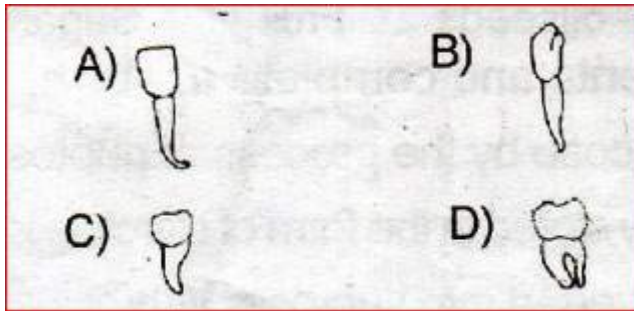


1. (a) Name the teeth from the pics below:

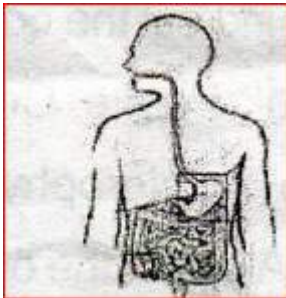


(b) Write their functions.

2. Name the scientists from the following contributions:

- a. Oxygen is formed as a result of photosynthesis
- b. Source of oxygen evolved during photosynthesis is water

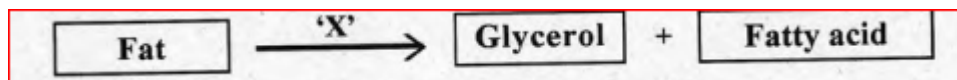
3. From the given figure, prepare a flowchart of the food from the mouth and at the end of rectum.



4. What is the chemistry behind the sweetness of rice when chewed for sometime without any curries?

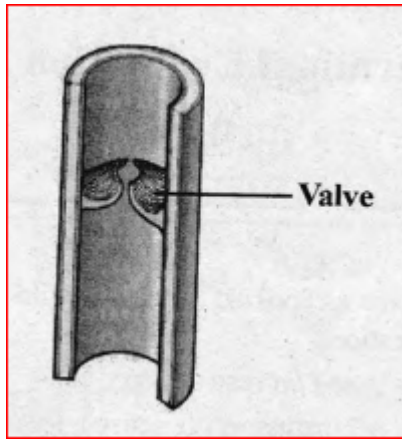
5. Prepare a poster for the awareness of the subject "Air Pollution and Disease"

6. Analyze the illustration and answer the questions:



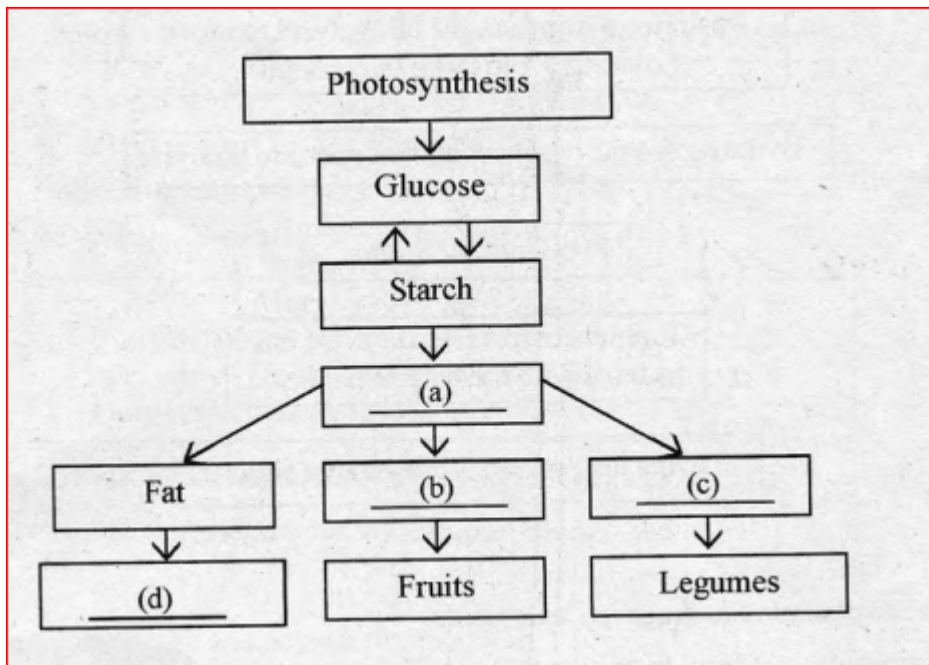
a. Identify and write the name of the enzyme indicated as "X".

7. Identify the blood vessel given in the pic below:

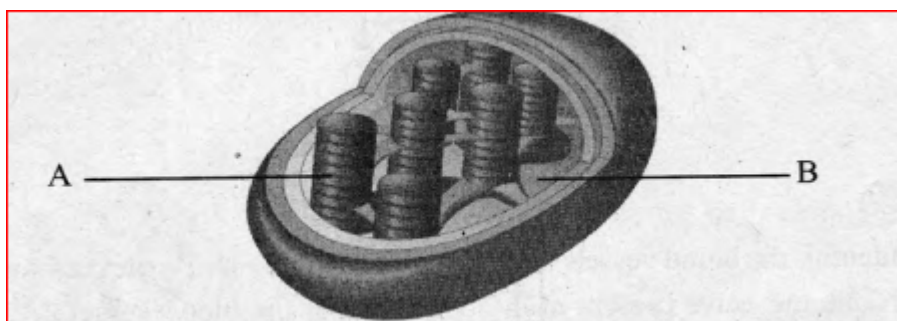


a. Write the name

8. Complete the illustration showing the chemical changes of glucose in plants.



9. Analyze the diagram of chloroplast given below:



Answer the questions.

- Identify A and B and write their names
- Explain the process of photosynthesis that takes place within A.

10. Give an explanation for the following statement.
"Consumption of fatty food causes thrombosis".

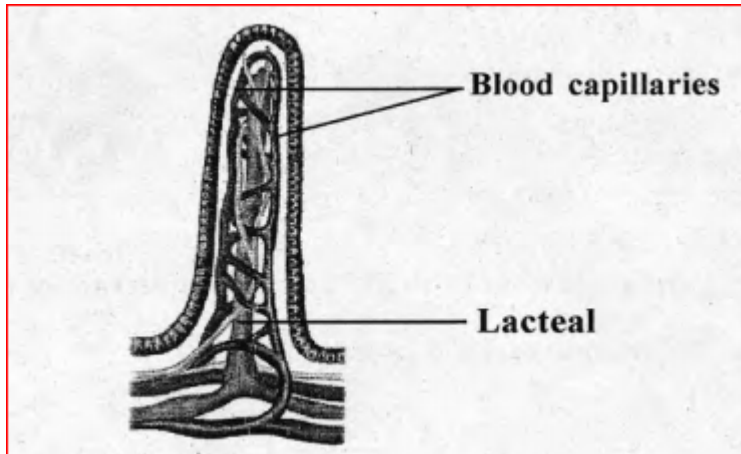
11. Analyze the news paper report and answer the questions:

Oceans turn as waste bin

Tonnes of waste materials reach the ocean everyday. Due to these wastes the plants and animals of the ocean _____

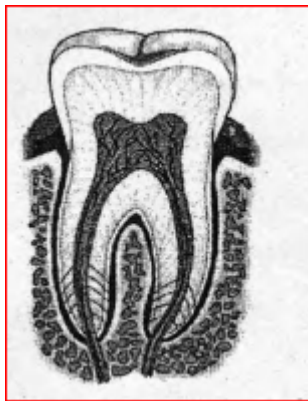
- Oceanic pollution not only affect aquatic organisms. Why?
- Prepare a message against water pollution

12. Observe the diagram and answer the questions:



- Which part is indicated here?
- Which are the nutrients that are absorbed into lacteal and blood capillaries?

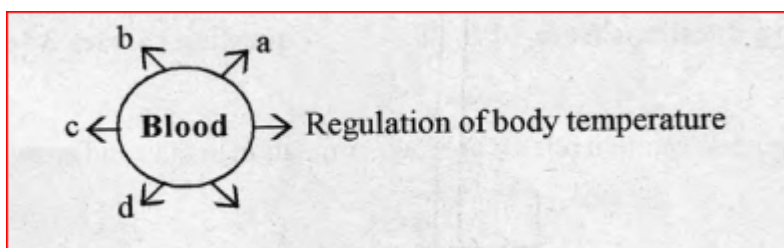
13. Diagram of a human tooth is given below:



Copy the diagram. Identify the parts using the following hints and labels.

- Soft connective tissue
- Hardest part

14. Complete the illustration related to functions of blood



15. Analyze the following statements and find the correct option related to bile juice.

- Bile is the digestive juice created by pancreas

- b. Bile contains an enzyme called Amylase
- c. Bile makes the food alkaline

16. Draw a well-labelled and a neat diagram of a plant or an animal cell. Label any 6

17. Explain why respiration is said to be the opposite of photosynthesis

18. Draw the emblem of the Red cross. State 2 main functions of the Red Cross.

19. (i) Why is fertilization in plants known as double fertilization?

(ii) What happens to the following after fertilization?

- a. Ovules (b) Calyx (c) Petals (d) Stamens

20. Name the chief pollinating agent of the following plants:-

- a. Maize (b) Sweet Pea (c) Vallisneria (d) Dahlia

