



CLASS X

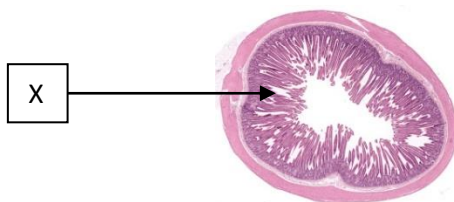
SUBJECT: SCIENCE (BIOLOGY)

LIFE PROCESSES

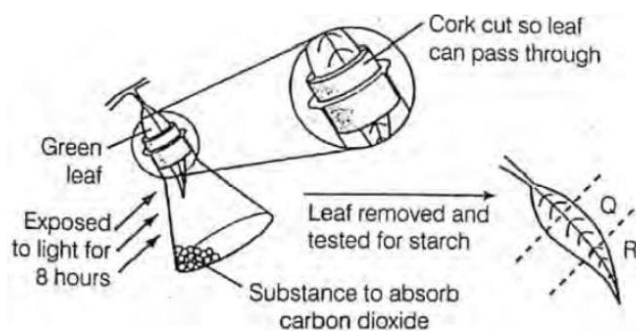
ASSIGNMENT NO. 2

ANSWER THE FOLLOWING QUESTIONS:

1. The diagram represents a section through the small intestine. What is the role of the structure labeled X?



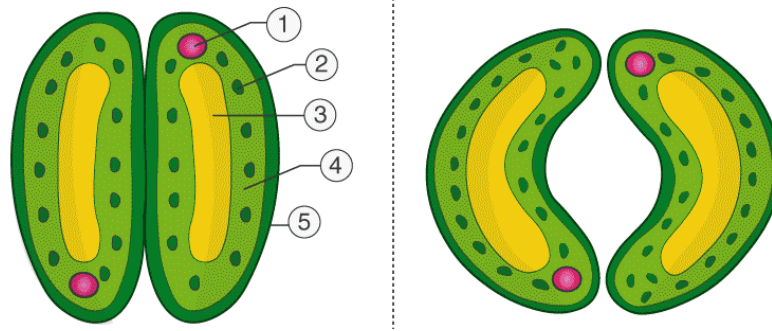
- a) They help to move the food along.
b) They make a large surface area for absorption.
c) They protect against bacteria.
d) They move mucus over the surface.
2. A plant is kept in the dark for two days. A leaf is used in an experiment to investigate the effect of two factors on photosynthesis as shown in the diagram.



What are the colors of Q and R, when the leaf is tested for starch, using iodine solution?

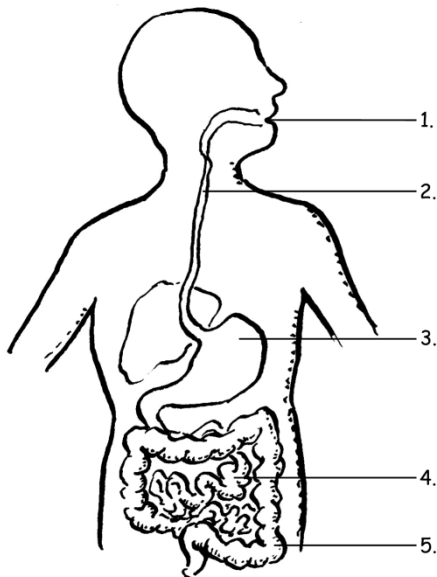
	Q	R
a)	Blue black	Brown
b)	Brown	Brown
c)	Blue black	Blue black
d)	Brown	Blue black

3. What is the meaning of variegated leaves?
4. What is peristalsis?
5. Name one enzyme each that is present in (a) human saliva, (b) stomach, and (c) small intestine.
6. Where are fats digested in our bodies? Where does this process take place?
7. Which digestive enzyme does not contain any enzyme but are important? Discuss.
8. Draw the experimental set up to show that sunlight is necessary for photosynthesis.
9. Answer the following questions with respect to the diagram provided below:



- Label the parts 1, 2, 3, 4 and 5.
- What are the functions of 2 and 4?
- Are any of these organelles containing DNA? Which ones?
- What is the process being demonstrated? Write the significance of this process.

10. Answer the following with respect to the diagram below.



- Label the parts 1, 2, 3, 4 and 5.
 - Write one function each of 3, 4 and 5.
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