

CBSE Class 10 Science
Ch-6 Life Processes
Practice paper

More Questions For Practice

1. Which fluid in the human body wets the internal organs?
2. Where does the blood absorb oxygen in the human body?
3. Name the two parts of the plant through which gaseous waste products are released into the air.
4. Why do the walls of the trachea not collapse when there is less air in it?
5. Normally a vein opens into a large or into the heart but does not end in capillaries. Which one or more veins in human is/are exceptions to this rule?
6. Give reason for- the lung alveoli are covered with blood capillaries.
7. Why is blood called liquid connective tissue?
8. Structure of leaf is complementary to its functions. Explain.
9. Bile juice does not contain any digestive enzymes, yet it is essential for digestion, why so? Explain.
10. How do each of the following factors affect the productivity in the process of photosynthesis?
1. Temperature. 2. Water. 3. Carbon dioxide.
11. Why is it necessary to separate oxygenated and deoxygenated blood in living organisms?
12. What substance/substances are transported in plants by
(1) Xylem vessels and tracheids?
(2) Sieve tubes (of hloem)?
13. Why is the inner wall of alimentary canal not digested although the digestive enzymes can digest all the material that make cells?
14. Explain why the rate of photosynthesis in plants is low both at low and high temperatures?
15. Why is CO_2 mostly transported in the dissolved form in our blood than O_2 ?
16. Small intestine in the site for complete digestion of carbohydrates, proteins and fats.
Write down the changes happen to the food in the small intestine before its absorption.
17. Plants absorb water from the soil. How does this water reach the tree tops?

18. Where does aerobic break down of pyruvate take place in a living cell? What are the end products?
19. Hydrochloric acid creates an acidic medium which facilitate the action of protein digesting enzyme in the stomach. Name the enzyme and give any three other function served by the acid.
20. Why is anaerobic respiration produce less energy compared to aerobic respiration?
21. What is root pressure?
22. In which direction does lymph flow?
23. Name the organ system which is responsible for excretion and osmoregulation?
24. What is the composition of lymph?
25. Differentiate between afferent and efferent arterioles?
26. Name the vestigial part human alimentary canal.
27. Name the respiratory pigment of blood in mammals.
28. How does oxygen reach the cells in insects?
29. Respiration is a vital process for all organisms. Explain.
30. What will happen if a diaphragm of a person gets ruptured in an accident?
31. What is the source of oxygen in photosynthesis?
32. How would non-secretion of hydrochloric acid in our stomach affect food digestion?
33. Why does leaf appear green?
34. What is the role of light in photosynthesis?
35. Write about the major glands associated with the alimentary canal of man and mention their functions.
36. How does the butter in your food get digested and absorbed in the body and explain.
37. Why is the rate of photosynthesis more during a bright sunny day as compared to a cloud day?
38. If all the green plants are removed from the earth life cannot be sustained. Comment.
39. Why is digestion essential for living beings?
40. Draw a diagram to show the internal structure of human heart. Label 6 part in all including at least three valves.