



LIFE PROCESS  
**ONE MARKS QUESTION**

1. Name the site of photosynthesis.
2. What is osmoregulation?
3. Name the excretory unit of kidney.
4. What is neuron?
5. Name the term for transport of food from leave to other parts of the plant.
6. Which tissue transports soluble products of photosynthesis?
7. What is the role of saliva in digestion of food?

**TWO MARKS QUESTION**

8. Draw the diagram of cross – section of a leaf and label the following in it:
  - a. Chloroplast
  - b. Guard cell
  - c. Lower epidermis
  - d. Upper epidermis
9. What do you mean by double circulation of blood?
10. Explain why Bile juice does not contain any digestive enzymes, yet it is essential for digestion.
11. How would non – secretion of hydrochloric acid in our stomach affect food digestion? Explain.
12. Differentiate between blood and lymph
13. What is the advantage of a four chambered heart in humans?
14. Give two,points of difference between arteries and veins

**THREE MARKS QUESTION**

15. How does nutrition takes place in Amoeba?
16. Draw a diagram of cross section of human heart. Show the path of flow of blood with the help of arrows.
17. How water is transported upwards in plants?
18. Descried the functioning of nephrons.
19. Write the difference between aerobic and anaerobic respiration?

**FIVE MARKS QUESTION**

20.

- a. Draw a diagram of human alimentary canal.
- b. Label the following – oesophagus, liver, gall bladder, and duodenum.
- c. What is the function of liver in human body?

21. What is double circulation? What is its advantage? Show with labelled diagram.

22. How is urine produced? How is it regulated?

**VALUE BASED QUESTION (4 MARKS)**

23. Anil was walking in the park when he saw the man next to him collapse suddenly. He rushed him to the hospital where the doctor checked him and told him that he collapsed due to low blood pressure.

- (a) What is blood pressure and how is it measured?
- (b) What is normal systolic and diastolic pressure?
- (c) What values are shown by Anil?