

Biology Worksheet Class 10

Life Processes-Nutrition and Respiration

1.Fill in the blanks:

- The mode of nutrition found in fungi is:_____.
- Roots of the plants absorb water from the soil through the process of _____.
- The site of photosynthesis in the cells of a leaf is_____.
- In amoeba, food is digested in the:_____.
- The part of the digestive system where no digestion take place _____
- Large intestine in man mainly carries out _____
- A large quantity of _____removed by our body by lung.

2. In which mode of nutrition an organism derives its food from the body of another living organism without killing it?

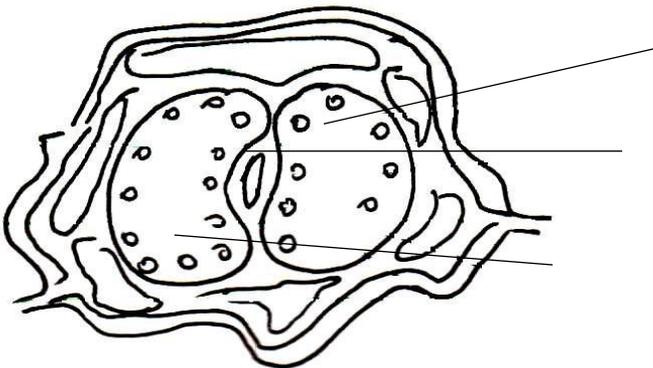
3. What causes movement of food inside the alimentary canal in human beings?

4. List six methods used by plants to get rid of their excretory products.

5. Name an enzyme present in pancreatic juice.

6. What will happen if mucus is not secreted by the gastric glands?

7. Identify the following diagram and name the parts marked as A, B and C:



8. Define the term excretion. Why should animals excrete waste matter?

9. Name the main excretory organ of human beings and state the form in which the excretory matter is thrown out of the body.

10. List in tabular form two differentiating features between xylem and phloem.

11. Write two advantages of transpiration in plants.

12. Which are the respiratory organs in man?

13. In man and yeast, when does anaerobic respiration take place?

14. How is 'respiration' different from 'breathing'? Explain the process of aerobic and anaerobic respiration.

15. Compare the functioning of alveoli in the lungs and nephrons in the kidneys with respect to their structures and functioning?
16. What is the significance of emulsification of fats?
17. Why is the small intestine in herbivores larger than in carnivores?
18. Explain the process by which inhalation occurs during breathing in human beings?