

Chapter-1 Worksheet- 2

1. gas is absorbed from the atmosphere during photosynthesis.
2. element is needed in addition to carbon, hydrogen and oxygen to make protein.
3. Leaves are called the of plants.
4. The openings present on the surface of leaves are protected by cells called
5. Lichen is a saprophytic plant. State True/False.
6. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Do you know where they are available? Fill in the blanks with the appropriate raw materials.
 - (a) Available in the plant:
 - (b) Available in the soil:
 - (c) Available in the air:
 - (d) Available during day :
7. Which of the following statements is/are correct?
 - (i) All green plants can prepare their own food.
 - (ii) Most animals are autotrophs.
 - (iii) Carbon dioxide is not required for photosynthesis.
 - (iv) Oxygen is liberated during photosynthesis.

choose the correct answer from the options below:

- (a) (i) and (iv)
- (b) only (ii)
- (c) (ii) and (iii)
- (d) (i) and (ii)

8. Pitcher plant traps insects because it
- (a) is a heterotroph
 - (b) grows in soils which lack in nitrogen
 - (c) does not have chlorophyll
 - (d) has a digestive system like human beings
9. When we observe the lower surface of a leaf through a magnifying lens, we see numerous small openings. Which of the following is the term given to such openings
- (a) Stomata
 - (b) Lamina
 - (c) Midrib
 - (d) Veins
10. In the absence of photosynthesis, life would be impossible on earth. Is it true or false?
11. Insectivorous plants have one or the other specialised organs to catch their prey. What is that organ?
12. What do you understand by nutrition?

13. What is the function of guard cells of stomata?
14. Farmers spread manure or fertilisers in the field or in gardens, etc. Why are these added to the soil?
15. A cell is formed of many sub-components. Identify different constituents of the cell. Are animal and plant cells similar?
16. Differentiate between parasites and saprotrophs.
17. Different modes of nutrition have been observed in plants. What are they? Give example of each.
18. Describe the method for replenishing the soils with minerals and other essential constituents used by plants growing in those soil by farmers.
19. What is a symbiotic relationship? Explain with the help of a tree and fungi.
20. Give two examples for each of the following:
 - (a) Parasites
 - (b) Autotrophs
 - (c) Saprophytes
 - (d) Insectivorous plants
 - (e) Leguminous plants