



## Question Bank

### Grade 7- Science

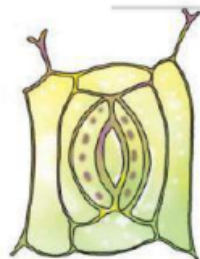
#### Chapter 1- Nutrition in Plants

##### Answer the following questions:

1. Nitrogen is an essential nutrient for plant growth. But farmers who cultivate pulse crops like green gram, bengal gram, black gram, etc. do not apply nitrogenous fertilizers during cultivation. Why?
2. Wheat dough if left in the open, after a few days, starts to emit a foul smell and becomes unfit for use.
3. 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 : \_\_\_\_\_

4. Observe the diagram given as Figure and label the following terms given below:

- a) Stomata
- b) guard cell



5. Why do organisms need to take food?
6. Distinguish between a parasite and a saprotroph.
7. Ramlal grows leguminous plants like beans and peas in his farm, after growing wheat or rice in one season. This practice is called crop rotation. Do you think growing different plants benefits the soil?
8. What is soil replenishment and why is it important?

9. Name two common practices used by farmers to replenish soil nutrients.
10. Why does the Cuscuta plant not have leaves?
11. Why do you think starch is stored in plants?
12. The tiny openings present on the leaf surface. What are they called?
13. What is the function of guard cells of stomata?
14. Which parts of the plant are called food factories of the plant?
15. Why do some plants feed on insects?
16. How would you test the presence of starch in leaves?
17. Algae are green in colour. Why?
18. Give a brief description of the process of synthesis of food in green plants
19. Show with the help of a sketch that the plants are the ultimate source of food.
20. What do you understand by nutrition?
21. Fungus can be harmful and useful. Give an example showing both of these traits of fungus.
22. Autotrophs and heterotrophs are two different organisms with distinct modes of nutrition state. How are they different from each other?
23. Pooja is worried about her new shoes which she wore on special occasions that they were spoiled by fungus during rainy season. Is she right to worry, if yes, then tell why does fungi suddenly appears during the rainy season?
24. Some plants have deep red-, violet- or brown-coloured leaves. Can these leaves perform the photosynthesis process?
25. Draw a diagram to show flow of nutrient between soil, a green plant, a lion, and a deer.