



SNS academy

**an International CBSE Finger Print School
Coimbatore**



Name :

Date :

Grade :

Worksheet

Submission Date :

Subject : Biology

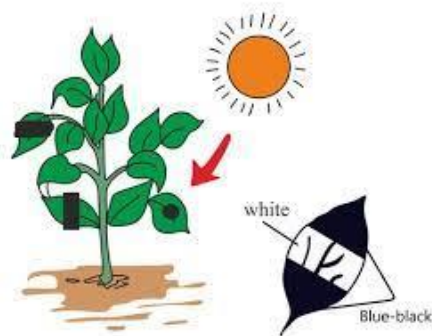
Parent's sign :

Nutrition in plants

1. Which of the following statements is true about croton plants?

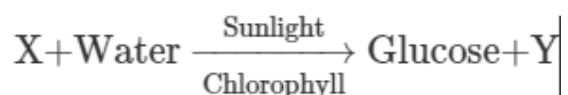
- A) Croton plants do not contain chlorophyll.
- B) Croton plants are dark red in colour. Hence they depend on other plants for food.
- C) Croton plants have chlorophyll but it is hidden by dark red colour pigments.
- D) Croton plants are parasites

2. What is the aim of the given experiment?



- A) To show that air is a basic need of plants.
- B) To show that food is a basic need of plants.
- C) To show that water is a basic need of plants.
- D) To show that sunlight is a basic need of plants.

2. The equation given below represents photosynthesis.



Which of the following is represented by X and Y in the given equation?

- A) X - Carbon dioxide, Y- Oxygen B) X-Oxygen, Y-Carbon
C) X - Carbon dioxide, Y- Hydrogen D) X - Oxygen, Y - Carbon dioxide

4. What role does the insect play in the insectivorous plant?

- A) Fertilization process. B) Provides nutrients to the plant.
C) Dispersal of seeds. D) Provides carbon dioxide to the plant.

5. Which of the following words can complete the given table?

Organisms	Mode of nutrition
Cuscuta	P
Q	Insectivorous
R	Saprophytes

- A) P-Parasitic; Q-Mosquito; R-Algae B) P-Autotrophic; Q-Mushroom; R-Yeast
C) P-Parasitic; Q-Nepenthes; R-Mould D) P-Autotrophic; Q-Mushroom; R-Yeast

6. Fungi does not contain chlorophyll to synthesize their food. Then how do they get their food?

- A) From dead and decaying plants. B) By photosynthesis.
C) By eating small insects which come near it. D) From the water we pour near it.

7. Which statement describes symbiosis?

- A) A mutually beneficial relationship between two organisms.
- B) Interdependence between two organisms.
- C) Phenomenon in which carnivorous plants kill insects as well as prepare food through photosynthesis.
- D) Dependence on another organism for its habitat.

8. Which of the following statements is true about the importance of photosynthesis?

- A) Source of food for all living organisms.
- B) It converts atmospheric carbon dioxide to glucose.
- C) It provides nourishment and helps in the growth and development of plants.
- D) All of these

9. Which of the following statements is/are correct?

- A) All green plants can prepare their own food.
- B) Most animals are autotrophs.
- C) Carbon dioxide is not required for photosynthesis.
- D) Oxygen is liberated during photosynthesis.

10. Farmers use manure and fertilisers to

- A) replenish plant B) replenish soil C) replenish air D) replenish fungi

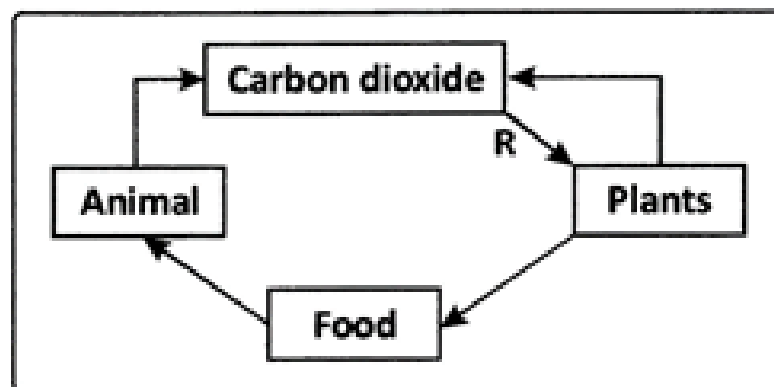
11. Harish went to visit his grandfather in a village where he saw that his grandfather's wheat is infected with fungus but no one is aware of this. Harish rushed to his grandfather's side and told him that the field had been infected with fungi. He should use an antifungal agent in his fields to stop this infection.

(a) What is fungus?

(b) Can fungus only cause diseases or can it be helpful also?

(c) What values are shown by Harish?

14. The figure given below shows part of the carbon cycle



What is process R?

15. Complete the following

