

ANGANDI INTERNATIONAL SCHOOL
SAVAGAON ROAD BELAGAVI - 09
WORKSHEET
NUTRITION IN PLANTS

Name :- _____ Class and Section :- _____

Date :- _____ Roll No:- _____

A. Choose the most appropriate answer. Mark the answer. Each carries one mark.

1. The life process/ processes that provides / provide energy is / are
a. nutrition. b. respiration. c. both nutrition and respiration. d. response to stimuli.
2. Which of these are autotrophs?
a. all plants b. green plants c. all animals d. unicellular organisms
3. Which of these is not necessary for photosynthesis?
a. carbon dioxide b. chlorophyll c. light d. nitrogen
4. Which of these elements is needed in addition to carbon, hydrogen and oxygen to make proteins?
a. nitrogen b. phosphorus c. potassium d. calcium
5. Which of the following gets absorbed from the atmosphere during photosynthesis?
a. oxygen b. water vapour c. carbon dioxide d. nitrogen
6. Organisms that live in or near the host and obtain their nutrition from the host are called
a. saprophytes. b. autotrophs. c. heterotrophs. d. parasites.
7. Partial parasites are
a. green plants. b. non-green plants.
c. either green or non-green plants. d. neither green nor non-green plants.
8. Which of these is a saprophyte?
a. venus flytrap b. mushroom c. pitcher plant d. dodder

B. VERY SHORT-ANSWER QUESTIONS: Give one-word answers. Each carries one mark.

1. Living organisms that cannot make their own food are called

2. The structures in cells that contain chlorophyll are called

3. What does 'photo' in photosynthesis refer to?

4. Which bacteria in the soil can convert atmospheric nitrogen into soluble compounds?

5. What type of plant is Cuscuta?

6. What do you call a mutually beneficial relationship between two living organisms?

7. Name one organism that gets its food from dead and decaying matter.

8. When iodine is added to starch, it becomes _____ colour.

9. What is the ultimate source of all the energy needs of our body?

10. Which cells control the opening and closing of stomata?

SHORT ANSWERS QUESTIONS : ANSWER IN ONE OR TWO SENTENCE. Each carries one mark.

1. What is nutrition?

2. What are 'stomata'? Where are they normally found?

3. Write down the chemical equation for manufacture of food in green plants.

4. What factors are essential for photosynthesis to take place?

5. How does an insectivorous plant absorb nutrients from an insect trapped by it?

6. Why is nitrogenous fertilizer not added in soil in which leguminous plants are grown?

7. How does a saprophyte digest its food?
