

INTERNATIONAL INDIAN SCHOOL, DAMMAM.

GENERAL SCIENCE, CLASS VII (2012-13)

LESSON NO-I NUTRITION IN PLANTS WORKSHEET

FILL IN THE BLANKS:

1. _____ are the food factories of the plant.
2. Tiny pores present on the surface of leaves are called as _____
3. Carbohydrates are made of _____, _____ and _____
4. _____ derive their food from the dead and decaying matter.
5. Two e.g. for useful fungi are _____ and _____
6. The bacteria _____ converts atmospheric nitrogen into a soluble form.
7. The limiting layer or thin outer boundary of a cell is called as the _____

CORRECT THE FALSE STATEMENT GIVEN BELOW:

1. Photosynthesis takes place only in green leaves.
2. All animals are autotrophic in nutrition.
3. In desert plants flowers are reduced to spines.

NAME THE FOLLOWING:

1. Green coloured pigment in plants.
2. Food preparing process in plants.
3. Jelly like substance present inside a cell.
4. Microscopic units which make up the bodies of living organisms.
5. Limiting layer of a cell.
6. The gas released during photosynthesis.
7. Stored form of carbohydrates.
8. The gas which forms the major constituent of air.
9. Nitrogenous substances which contain nitrogen.
10. Two e.g for animal parasite which suck human blood.

CHOOSE THE CORRECT ANSWER:

1. Fungi are
(a) Cotton –like threads spread on a piece of bread.
(b) Fluffy umbrella –like patches growing on rotten wood
(c) Also used in medicines.
(d) All the above.

2. Prominent, spherical, centrally located structure inside a cell is _____

- (a) Cytoplasm
- (b) Nucleus
- (c) Cell membrane
- (d) Nucleolus

3. The plant on which a *Cuscuta* climbs is called a _____

- (a) Host
- (b) Parasite
- (c) Saprophyte
- (d) Bryophyte

4. The fungal spores are generally present in the _____

- (a) Air
- (b) Water
- (c) Soil
- (d) All the above

5. Usually crops require a lot of _____ to make proteins.

- (a) Potassium
- (b) Phosphorus
- (c) Nitrogen
- (d) None of the above

GIVE REASON:

1. Leaves and green parts of a plant can only synthesise food. Why?
2. Plants with red, violet & brown also carry out photosynthesis. How?
3. Fungi appear suddenly during rainy season. How?
4. Saprotrophs cannot make their food by photosynthesis. Why?

ANSWER THE FOLLOWING

- (a) Identify the plant given..
- (b) Pitcher like structure is the modified part of a _____
- (c) If the pitcher plant is green and carries out photosynthesis, then why does it feed on insects?

(OR)

Why are insectivorous plants called as partial heterotrophs?

