

Doon Public School Bhuj

Class: VII

Science Worksheet

Date: 24/04/2020

Chapter 1- Nutrition in Plants

Q1.Choose the correct answer-

- Carbon dioxide is taken in from the atmosphere by the plants through
a. roots b. stem c. leaves d. all of these
- Which of the following is a saprophyte?
a. Ambarbel b. Lichen c. Mushroom d. none of these
- Which of the following is/are the raw material(s) for photosynthesis?
a. Water b. water and carbon dioxide
c. sunlight, water and carbon dioxide
d. sunlight, water, chlorophyll and carbon dioxide
- Which of the following is a symbiotic plant?
a. Pitcher plant b. Yeast c. Lichen d. Venus flytrap
- Stomatal opening is surrounded by
a. Guard cells b. stomata c. epidermal cells d. chloroplast
- The green insectivorous plants trap insects, kill them and digest them to obtain mainly
a. Glucose b. starch c. nitrogen d. oxygen
- Some organisms live together and share shelter and nutrients. This is called
a. Autotrophs b.heterotrophs
c. symbiotic relationship d. predation
- Which part of the plant gets carbon dioxide from air in photosynthesis?
a. Root hairs b. stomata c. leaf veins d. sepals
- The plants that feed on dead and decaying matter are called
a. Parasitic plants b. insectivorous plants
c. saprophytic plants d. symbiotic plants
- Iodine is used to detect the presence of starch. It gives starch
a. Red colour b. green colour
c. blue black colour d. colourless appearance

Q2.Fill in the blanks-

- The food prepared by the plants is stored as _____.
- In photosynthesis, the sun's energy is captured by the pigment called _____.
- During photosynthesis, _____ is taken in and _____ is given out.
- The living organism from which a parasite derives its food is called the _____.
- _____ are the excellent indicators of air pollution.
- The simplest carbohydrate made as food by photosynthesis is _____.
- The presence of starch is tested with the help of _____.
- _____ is a parasitic plant.
- The process of loss of water in vapour form through the surface of leaves is called _____.
- The opening of stomata is guarded by two kidney shaped _____.

Q3.Match the columns-

- | | |
|-------------------------|-----------------|
| 1. Fungi | a. leaf |
| 2. Ambarbel | b. heterotrophs |
| 3. Pitcher plant | c. parasite |
| 4. Animals | d. saprophyte |
| 5. Plant's food factory | e. insects |

Q4. Name the following-

- Type of nutrition found in fungi, lichen, amarbel and pitcher plants-
- A parasite plant with long, yellow and slender stem-
- The pores in leaves through which exchange of gases takes place-
- A plant with both autotrophic and heterotrophic mode of nutrition-
- The gas released during photosynthesis-

Answer Key-

5. Oxygen

Q1. Choose the correct answer-

1. Leaves
2. Mushroom
3. Sunlight, water, chlorophyll and carbon dioxide
4. Lichen
5. Guard cells
6. Nitrogen
7. Symbiotic relationship
8. Stomata
9. Saprophytic plants
10. Blue black colour

Q2. Fill in the blanks-

1. Starch
2. Chlorophyll
3. Carbon dioxide, oxygen
4. Host
5. Lichen
6. Glucose
7. Iodine
8. Cuscuta
9. Transpiration
10. Guard cells

Q3. Match the column-

1 (d) 2 (c) 3 (e) 4 (b) 5 (a)

Q4. Name the following-

1. Heterotrophic nutrition
2. Cuscuta
3. Stomata
4. Insectivorous plant