

BCM school basant Avenue dugri Ludhiana

Class -7. Subject – science

Assignment

Ch-1 Nutrition in animals

1 MCQ

Q1. Which one of the following is parasite

- a) Lichens
- b) Cuscuta
- c) Pitcher plant
- d) Rhizobium

Q2. Which of the following class of organisms belongs to saprophytes

- a) Algae
- b) Fungi
- c) Lichens
- d) Bryophytes

2 CASE STUDY

Leaves are the food factories of plants. Therefore, all the raw materials must reach the leaf. Water and minerals present in the soil are absorbed by the roots and transported to the leaves. Carbon dioxide from air is taken in through the tiny pores present on the surface of leaves. These pores are surrounded by 'guard cells'. Such pores are called stomata. Water and minerals are transported to the leaves by the vessels which run like pipes throughout the root, the stem, the branches and the leaves. They form a continuous path or passage for the nutrients to reach the leaf.

Que. 1) What are the food factories of plants?

- (a) Leaves
- (b) Roots
- (c) Stem
- (d) None of the above

Que. 2) Leaves contain pigment.

- (a) Chlorophyll
- (b) Green pigment
- (c) carotenoid

(d) Both (a) & (b)

Que. 3)is the ultimate source of energy for all living organisms.

(a) Moon

(b) Sun

(c) Infrared light

(d) Visible light

Que. 4) How does the leaves capture the sunlight energy?

Que. 5) Define photosynthesis?

3 Question / Answers

Q1. Write how fungus is useful to us?

Q2. Why cuscuta is called total parasite?

Q3. How does rhizobium bacteria help the farmers?

Q4. Why lichens are called symbiont?

Q5. Write the difference between autotrophs and heterotrophs.

4. Assertion reason

a) Assertion and reason both are correct statement and reason is correct explanation for assertion.

b) Assertion and reason both are correct statement and reason is not correct explanation for assertion.

c) Assertion is correct statement but reason is wrong statement.

d) Assertion is wrong statement but reason is correct statement.

I) Assertion- some organism live together and share both shelter and nutrients.

Reason- the organism live together called lichens.

II) Assertion- some plant and animals are depend for food on other animals.

Reason- therefore this animals are called heterotrophic animals.

III) Assertion- mostly cells have a distinct centrally located spherical structure called the nucleus.

Reason- the nucleus is surrounded by a jelly like structure called cytoplasm.