

Saprotrophs :

Saprotrophs are non-green plants e.g. Agaricus (Mushroom) fungi, yeasts and bacteria. Saprotrophs get their food from dead or decaying organic matters. They grow on decaying organic matters such as cow-dung, wood, bread, etc. Saprotrophs secrete digestive juice over the decaying materials and absorb nutrients from them. This is called Saprotrophic Mode of Nutrition. Such plants are called saprotrophs.



SYMBIOTIC RELATIONSHIP

- Some plants live together and share food and shelter. For eg.- Lichens. In lichens algae and fungus live together. The fungus provides shelter, water and minerals to alga and alga provides food to fungus.



PLENARY

Application Based Questions -

Q. Why do some plants feed on insects or show symbiotic relationship?

ASSESSMENT & EVALUATION

F.A.Q :



Question: 1 – What is an insectivorous plant?

Answer: A plant which fulfills its nitrogenous needs by eating insects is called an insectivorous plant.

Question: 2 – Give an example of insectivores plant?

Answer: Pitcher plant, Venus Fly trap, Bladderwort, Drosera, Rafflesia

Question: 4 – Why does a plant eat insects?

Answer: Plants living in marshy areas do not get nitrogen from the soil. To fulfill their nitrogenous need, they need to eat insects.

Question: 5 – Write a brief note on pitcher plants?

Answer: In a pitcher plant, the leaf is modified into a pitcher like structure. The pitcher is complete with a lid. The inside of pitcher is full of hair-like structures. The pitcher is used to trap insects which may fall in it.

F.A.Q :



Question: 1 – What is the meaning of word ‘Symbiosis’?

Answer: It is a relationship between two organisms in which both the organisms benefit each other.

Question: 2 – What is Lichen?

Answer: The lichen is a composite organism formed because of symbiosis of algae and fungi.

Question: 3 – Give an example of symbiotic relationship.

Answer: A small bird; called plover; cleans the crocodile's teeth. The crocodile keeps its mouth open and the bird takes out meat fibres stuck between the teeth. The bird gets food in lieu of providing dentist's services to the crocodile.