Ls. Nutrition in plants Nutrition: The process of taking in rutionts and them utilizing them to perform various life processes like growth and development Modes of Nubrition Autoteopic Heterotropic Nutrition in which Nutrition in which cotain organisms take living exgensoms make their own food Lood from groon blancts directly or indexelly. utilizing simple inorganic substances These organisms cannot make their like Coz, Hzo from Ouen food, such on incomment, such Oxganisms are organisms are called called at Habratrophy autotrophs eg. Non groen plants, Eg. Govern plants,

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_	Attalle a letter be
	Autotraphs - Organisms which propore their
	Eg- Gresson Plants
7	Photosynthesis:-
	It is the process by which grown plants preprior food by using controlionide, water in the presence of sumlight and chlorophyll.
	Chemical equation for photosynthesis
	6002 + 6H20 Surrlight > C6 H1206 + 602
>	Conditions mass massary for photosynthasis
*	Carbondioxide from aix through stomata.
*	Chloral hall some biograph in locals.
* *	Schlorophyll-groon pigmont in leaves. Sunlight
	Note: Plants proporo food in the form of
	glucose and store in the form of
1211	

1. Caxbondiscide Plants take in carbondiacide from the Young paras present on either sides of the leaf. Each para is called stomata which is sucrounded by two beam shaped structures called Grand Stowed cells. Gourd cells reputate the opening and closing al stomata Stomata helps in gaseeus encetange in photosynthesis. Framspiration is loss of water in the form of water vapour through stomata.

2. Charophyll: Given valour of is due to protesme Chlocophyll took sunlight and holps the libiter Roots present in the underground will absorb water along with minerals from the roil and transfort thom to leaves through vascular bundles 4. Sconlight It helps the green plants to undergo

photochemical reaction to propore

their own food. -> Nutrients required by plants Carbohydrate in the form of starch Plants obtain protein in the form of nitrogen

compounds by adding fortilizer Heterotrophics nutrition Organisms which do not prepare their own food and depend on other organisms for the sake of food. -> Heteroteophic Nutrition -Nubrition in which contain organisms take boad from green plants directly or inderetly. These organisms can't make their own load, Such organisms are called Heterotrophs or Consumers Eg: Non groom blands, Fungi Types of Heterestrophic Nutrition Parasitic Saprophylic Insectivorous Insociiiosans Symbiosis

1. Parasitic Nutrition: - Nutrition un mon- gram bloods (Parasites) live in of land and nutrition Parasitie Partial Complete Paraite Parasite Porasites which depen Paraistes which on host parasite depart on host either for the rake of plante for the food or letter sake of food of water Eg. Mostle toe Eg: Cuscuta,

2.	Saprophytic Nutrition: - Nutrition obtained from dead and decaying plants and animals. These expansions are called Saprophytes.
	Eg: Fungi, Indian Pipe
3	Insections: Autotrophic plants which supply their nitrogen
	supply their nitrogen
	Eg: Pittehox Plant, Venus flytrap.
4.	Symbiasys - Its an interdependence or a mutual association of 2 argans is which both the organisms are benefit
	is which both the organisms are benefit
	Eg Rhizebium, Leguminous
*	Rhizabium: Browneds introgon to legune plants.
*	Legume: provides shetter to Rhinghium.

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