Unit-I HultiDis & lotinery nature of Environmental What are the objectives, of Environmental siences, combination of althrow, social and Envonment 3 Scientific assessment Rist Analysis (like Kearly metal accumulation more transactions Public educational involvement 4) Politicalaction 5) Evaluation Objective? To have an duareness. knoroledge Attitude change -Skill Participation . Application of GVs To conserve the natural environment & of human involvement. Confinuous forcers of development of material smemod for energy forduction to give non-toxic Broduct.

Ecosystem as Buticand about component Interaction Abrotic 1) Producer > Chemotropy organic 2) consumer > Inorganic henbivose corrivose. Clim 272 Atmosphere 3) De Composer = Captrophs

Atmosphere detaus = downpoxed/decaying

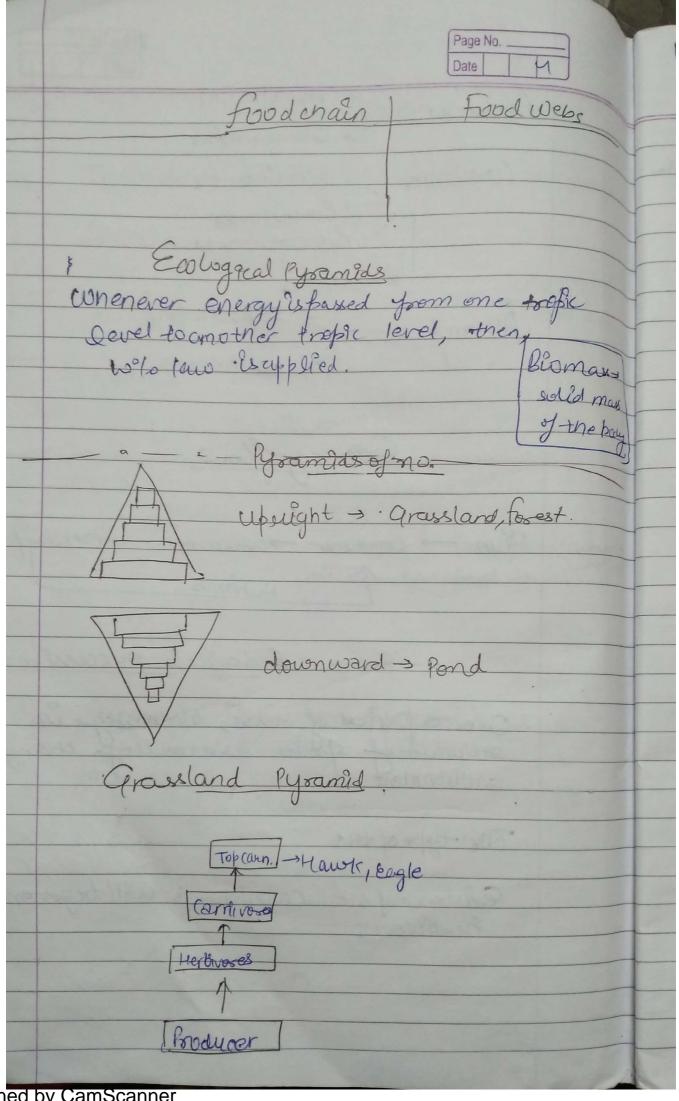
modificant

gdetavoses = feed on detaus A community made up of biotic le abiotic components.

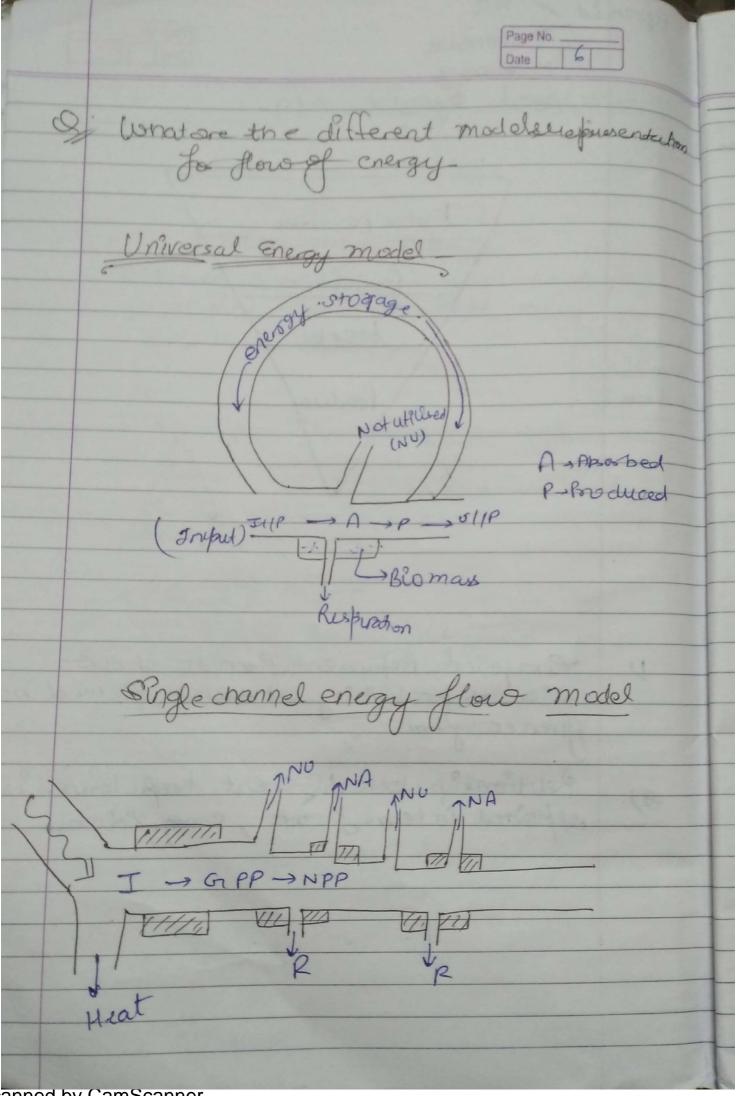
It isvery fragileinnature.

(disturbs casily. Components) Organic morganic climatic Producer consumer Decomposer Supramonders Scanned by CamScanner

Page No. Date Photopophs chemotropis. Top counivoses Deti voses Sun -> Producer - Consumer -> Decomposer twigs Nutrents. Bety Ecological Succession> Over a period of time, thechange in structure of species as arexultof change in environmen The type of the Existence of the carrivoses will begoveredly heabWas ex



pyramid no Page No. Pond byramid hyper paralles Graphical Representation to show biomass productivity at each trofic levelina given ecosystem. Relationship to live different traffic lenvels is explained in terms of no., energy livernas.



Total energy

John tenergy Gill - gross Polimary production NPP - Net " - Respiration NU > NOT cofficed NA > Not assimilated y shaped plants food chas Deth vores Predators Detatus Tood chain y Tropical Rain toost > · High Rainfall temp. I humidity.
· Richest Biodiversity correduith small branchest trees.

Page No Date
Epiphytes > Uke osthid, are plants grown upon big transport thes.
· Shows > Snow leyer has even loss surlight. Davitest for est floor.
· Amîleon, fungî, algae are peresent. · At Isasilvent Valleyîn Kerala.
2) Tropical Décidous forest · warm climste · Generally your dry windte · Witte away from equator. · Rainonly during monsoon.
3) Subtraphical forest Dayseason is even longer.
Adequate sais full andevergneen trees.
Temperate deaduous forest

Evergoeen conferous proest Ache tundra segson. long add dry weather. Yew species, possold & biodirerery. Aquatir Ecosysten to eshwater einerdsea) Eury thermal adaptable to adaptableto temp. Salinay.