

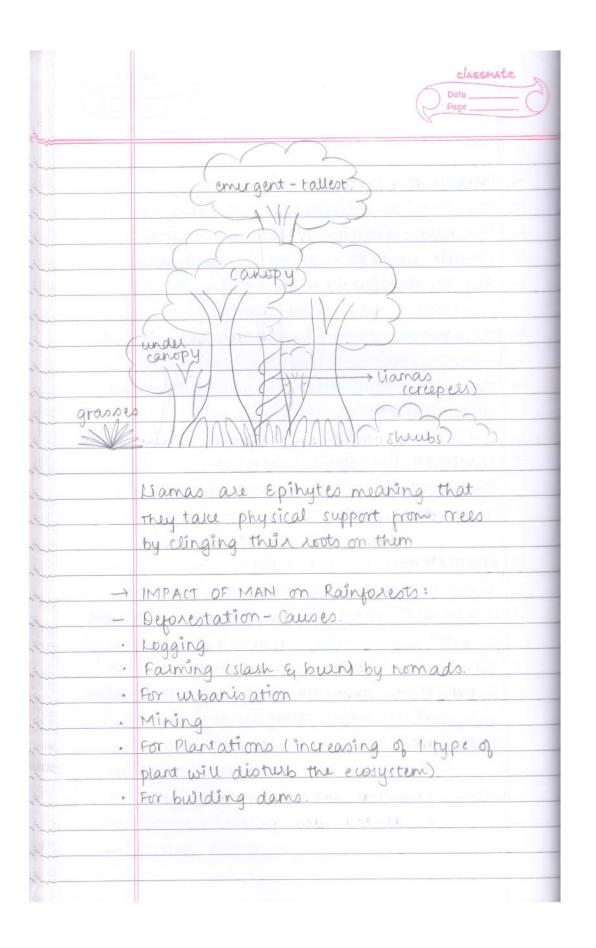
		ECOSYSTEMS Classmate Page Classmate Page Date Page
	\rightarrow	ECOSYSTEM is an biological environment
		consisting of all the living organisms within
		a particular area & the non living that
		interact with the organisms.
	\rightarrow	FOOD CHAINS / WEBS:
		A food chain or web shows the peeding
		connections within an ecosystem.
		Energy moves up the food chain or web.
<u> </u>		They are very de l'atte 4 can be disturbed
		if any of thepieces is semoved harmed
50		
		TROPHIC LEVEL - The position that an organism
de_		has in a food chainlyeb.
do		Producers - at lowest prophic level
		Alpha Predatory - at highest trophic level
d		AUTOTROPH/PRODUCER - An organism that
		that produces complex organic compounds
ieo		from simple inorganic molecules using energy
		Autorophs are vegetation
		HETEROTROPH / CONSUMER - Organism that
		requires organic compounds for growth eq
		other purposes (Herbivores)
		ALPHA / APEX PREDATOR - The top most predatoe in
		the food chain



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•	Human activities that can disturb
·	the food chains / webs:
L	autopalisinasa et in attelliación en il
<u> </u>	· tunting of a specific species.
-	· Deforestation -> loss of habit at
4	→ changes in water cycle
<u> </u>	→ senoval of organic matter
V	→ Increased water elosions.
\	· Mining - water pollution
الما	→ damage to fishlife
	- loss of habitat of burrowing anima
	· Usbanisation - increased pollution
	A more to the increased woise maser -
	· Dams / Canals -> changing water courses.
\	Liver statem to an extension of the
→ →	TROPICAL RAINFORESTS:
<u>→</u>	5°N to 5°S
<u> </u>	Main concentrations:
	Amazonbasin
	congo Basin
·	Madagascar
	Parts of Indonesia
	Southern India.
\rightarrow	Range of Temp to less
	No difference between summers quinters.
	Days a rights of same length
	Recieve direct rays of the sur.
1	U V



		Dai's Page
	· →	Recieve the 40' clothe rain (showers).
		They provide excellent growth oppurturities.
	\rightarrow	They have vegetation throughout theyear
	->	Contain up to 50% of world's biodiversity
	\rightarrow	Avg biodiversity is - 50 species /m2
		(No of types of life forms)
	->	The most pronounced is vegetation
	\rightarrow	There is a competition to reach the surlight,
		soil & nursi ents.
ملف.		(soil type found heart)
	\rightarrow	Leachedsoil/Latsoils/Laturates
ш		The nutrients (obtained from humus) are
	*	seeped deep inside.
н		
Н	\rightarrow	ADAPTATIONS OF VEGETATION:
Н		Trees are quite tall with high canopies
н	2)	Leaves are broad because of thehigh amount
н		of water & nutrients available
н		Leaves are pointed to drain water
н	4)	Butress roots above the surface of the ground
Н	-	Ex support the runk. They are also deep to
н		reach water & nurrients
н		A STATE OF THE STA





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\rightarrow	IMPACTS of DEFORESTATION:
	ENVIROMENTAL: Soil Exosion No roots to hold soil. The water will directly fall on soil without interuption of trees which will loosen the soil.
5.	Increase in level of CD2. Will result in more global warning (CO2 is a greenhouse gas & doesn't allow terrestrial radiation to escape).
	Disturbance in Ecosystem: organisms directly dependent on plants would decrease & animals in higher trophic level would increase in number
6	Pranspiration will reduce which would result in fall in local rainfall.
•	People living in forests may need to shift to cities or may end homeless.

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,	Fights would alise between people who
	want & don't want deforestation.
	Control and the control of the contr
->	ECONOMIC EFFECTS:
	hand cleared for farming.
	Urbanisation
	Lumbering for logs.
	Rubbel & papel can be obtained
→ 	REDUCING DÉFORESTATION
	Reforestation.
	CORRECT!
1 E(G)	TROPICAL DESERTS:
	Mission Desert.
	Sahara Desert Arepresent on the western
7	Australian Desert margins of the
	That Desert continents because of
	Trade winds
→ →	Day temp >45°C
	Night temp = 0'C because there is
***	No moderating injurence of sea
	Precipitation is in the form of dew.

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	Graph for Tropical Deserts.
	*
<u>→</u>	Descriptication is degradation of dry land
\rightarrow	· use of hyperproductive parming methods
	which includes use of purilisers
	· Ploughing - to bring nutrients to topsoil
	- this makes the soil loose &
	- dry-this makes it lighter & vulnerable
	newion.
	- moistule is lost from the soil