+ ASSIGNMENT-2

Extrict species: A particular species is called extitut when there are no more tridividuals of that species alive anywhere in the world or in a particular place. This usually happens due to change in environment.

Endangered species aspecies which are lekely to become extinct in the near future either from the world or a particular place.

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Endemic species is species of plants and animals which are found in just one particular region and nowhere else in the world.

es Asiatic lionista in the put them and indicate

Rare species: Species that are uncommon and are in small population.

Black buck

Justify:

India is considered as mega broduversity nation. It is because of the presence of India is considered as mega broduversity nation. It is because of the presence of endemic to some regions. being so diverse, it has become a produversity hotspot as it has abundance of brodiversity, but has not been taken proper care of . It has been losing its original habitat. It is our duty to protect it. India is one of the 25 biologically rich areas which are termed as brodiversity hotspots across the globe.

I A harsh Artic ecosystem can have a much shorter food chain/ less complex food web than a tropical one. It is because far less species are adapted to live in cold regions from those who live in tropical regions. As less species are involved in the food chain, the it would be use complex and would be shorter.

Allinde mann inerpy model) tollowing the (ten percent rule), is the producers are more and healthing the ecosystem flownishes as there is more energy for more animals to be able to supported. Here also tropical food main wine as it is more hardene than the Artic ecosystem

(I) beep ocean exploration has resulted in the discovery of abundant eife in despocean foor, which are otherwise considered as unsistent for survivae. How does life survive in such cases. How does energy from in such ecosystems? Due to many expeditions and acricity of people to find the treasures of the depthe of the deep the sea, many discoveries of different arrival lives have been made. They all are highly adapted animals or plants where have become whose starctures and functioning depend on the surroundings even without sunlight, most life in deep sea depend on sur. Example - phytoplankion. The animals depends on resistance and resilience. Energy flows inrough lindemann energy model, where

(2) soo mission tons of mission is produced by archaea in deep ocean, Methane is extremely dangerous. If a large amount is released in the atmosphere the comperatives with would increase as COZ traps in near. This vivus result in melling of glacien also called extremene global narming

producers are more and full of energy.

3 A.	Positive points of generically modified food:
	que dona asstrable train
cy.	Apples which turn less known for seminar small
•	make crops disease resistants as they grow, eg - Hassaiian papaya
	In universe Multiplaces were of emps.
•	To increase nutritional value or enhance flavour (yellowrice)
•	(Increase vitamen content)
	belayed repening, edible vaccine, stress tolarances
es.	Bt. com, golden rice.
1	Bt. com, golden rice in allien in annual many many
	Negativities
•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
•	We don't know about its long-term performance and safety
	realth usins associate with the GMO
J	allergies and many unknown hearth risks
	CHOUSE DEAD I WAS DEVELOPING.
(b)	conservation of aquatic brodiversity
*	An aquatic 60 reserve is a differed space within a water body in which justin
* . 1-	is barned and other restriction are placed to protect flora gama of
- 1	habitate 100 per side das citares would be and the
*	Regulatory measures must be taken on wastewater doscharge in the
	water body to conserve biologicae diversity.
*	Increase public awareness to conserve intough educational programs
1.0	incurave programs and volunteered maintaining programs.
1	Plantation of trees in the catchneent area of water body prevent
	soil ension and subsequently reduce the problem of stitution in water
	Avoid all in the survival of organisms
1	Avoid establishments of industries, chemical plants of thermal power plants
	near water resources while summer is an about the

1	pect of humani Fellilizers to remove NII3 of NHy to make pertilizers
	water polymon: fertilizers him into water boates,
	Page No.
,	to consider his the process of cina
	Ammonta and nitrate move in ecosystem by the process of cycles
	ditingen cycle
	Attriction better convert most NH3, NHy in toil to NO3 INNO
and the same of th	are early laxer up by the roots of plants. The plants we there
Confession	down of w to bustice bustice bustices the control
Control of the Contro	Anna La Cara L
Marie Marie Commence of the Co	Animale-once est plants eventually consume these hitrogen -containing
and the same of th	ampounds, as alling feeders and allumpsus.
	The state of the s
	seaments of early convert—inese N. compounds back to any
and the second second	is released in the atmosphere.
	of the domps proce
	Photos and the same of the sam
	Phosphore cycle
	Phosphate tons are a plant nutrient it does not eyes through
	TO W SUINI.
	the ion are carried by water into the soil where in
1-4	the transferred by find web
2150 Hall	and the state of t
1(a)	Process begins with establishment
N. II	replaced his weeks.
•	Establishment
-43	SOU RITIALITY
	soil structure and nutrient content followed by changes in one
A And day of	THEN SPECIAL HOURS ALL A
	New species form du to change in physical factors
A profitting galler	me cycle ends often
•	Now the econgram win . altmax community
9	Now the ecosystem is in balance, until duturbed by extense
	The second of th
<i>y</i>	

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(6) tows are below humans in the good chain. They cat producers dured plants directly Nationalide month is plante directly Nationwide mors hipping of cows has increased this number to keep them jed, more plant are required. 30 the number of plants may decrease. Now there would be more organisms in the middle of food chain to tacker the someon, the diet of the cows can be changed