	The term 8.
->	The term seology is desired from Breed words
	The term seology is desired from Breek words - Oikos' means home' and logos means study of! The seology means study of living ste system Definition:
-	Definition :
-	It is defined as a community of organisms
	envisonment on which the
1	It is defined as a community of organisms so tracting with one another and the environment in which they live i-e study of Home
	Souther of Ecosystem 3.
0	The structure of 2 wsystem consist of
	It includes the non-living to
	Abiotic 8 toucture o. It includes the non-living things of the cro- System such as soil, temperature, light 4 water.
	, agu 4 wara.
0	Biolic structure 3- 9+ includes plants, animals &
	Biolic structure 3- 9+ Porchudes plants, animals 4 micro-organism prestent in erosystem.
-	
	Function of sussystem.
9	Autotrophic components (producers) :-
	the self nourishing organisms are called produces
	the self nouvishing organisms are called products Ry 3- plants & Algae.
0	Heterotrophie components :- (consumes).
->	primary consumers or Herbivores. 189:- Deer groseets, labbilité etc.
	29 DRELS GREES, MANUELS C. C.
->	sécondary consumers or corrivoses sez: sorales birds, tox etc.
	Testiary Consum ers no Testiary commissores.
-7	in lines ato,
->	omnicores :- Those feed on both plants & animals.
Marie Control of the Street of	

and .	Date
#	classification of Russysters
2.41	
30.1	Terentry HAWK
	consinues.
44 2 24 44	Secondary SNAKE
- 1	consumers /=
Zun	ay consumes. RABBIT
3	Producers GRASS
AI	Terrestrial Blosystem
2.	This Pordudes Josest, Grassland and desert evorystem.
>	Forest Elosystem :-
	a) Tropical Rain forest 3-
11:35	as in Africa, central survicate.
	+ It is characterized by warm of hurrid climate
	- Tall plants are observed with broad leaves, - High diversity of trees species, insects and
	Investetrates que famo hose.
1	Tropical Savannas forest:
	such forest one located where lainfall is seasonal but high like Africa, Australia ete.

Date rege no.
- 2+ is characle of 1
- 2+ is characterized by dry 4 evet seasons
kangarous eta l'allera, gilaffe f
Langarous etc. are found here, gitaffe f
c) Temperata forest:
- Buch forest are found in Lostern region of
Asia & U.S.A. etc.
- They are characterized by abundance
of Paseels, birds, tall frees etc.
- Hard frees are used for furniture 4 building purpose
- Common species found here are frogs, lizards,
Robbets, Snakes / deer, bears etc.
d) Taiga or Boreal forest =
- such forest are found across . East-west bound of
North Europe, North Asia, North America where
· climate is cold.
+ Here sainfull is in winter.
- Here I Common Species found are builds like
owl, cagles, arisosals like foxes, lablets, deer,
Squirrels etc.
e) Temporale shoul forests :-
- Such forest are found in South Africa, South
Australia etc. California elc.
- Hore Rain fall à la Winter. Rain is less 4 tempera.
terre is inoderale.
- common species found are reptiles, small f
large ronnals etc.

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2	5	Dessert Ecosystem
7	7.	
	-	This oceans in regions with an annual rainfal
		0/ /02 / 141
	-	Low water availability, flora and fauna are
		low water availability, flora and fauna are
	-	Temperature varies from very hot to
	-	Temperature varies from very hot to
-	-	cold desserts occurs in Ladakh region of Himalogous.
-	-	Mimalayas.
	+	and most famous cactus.
		and most famous office.
	1	Insects like I must
		gross hopper, beette, bugs etc.
		Parlilai di
		Reptiles lites includes here snakes & lizards
	1	Ri de al
		Birds observed are gila woodpecker, load runner ostriches ete.
	_	
	4	Maninals are mainly burrowers.
	+	carnels are roain animals in desert which are of
	-	two types (Doomedanies - one hump
		O Bactorian - two herop.
	-	
-		

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1	
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-	
BT	Aquatic Ecosystem 5- There are two roain types of aquatic ceosystem
	The second of th
1	I here was food types of aquain
	Ceosystem
_!	Joesh water :-
7	Only 0.8 %. of earth's surface is covered by
	foesh water.
al	Lentic reosystem -
-95	Standing water eeosystem are called lentic
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
*	erosystem such as Lakes and pends.
	94 Includes algal, rover de la file.
	9+ Includes algae, rested and floating leaved plants (Lotus), crabs, strings, claims etc.
	Amphibrans like frogs, smales, turtles are
	found.
1	1-10 30008 tern -
6)	20 tie reosystem -
-	Honorag water ecosystem are known as
	Lotic deesystem with onifical
	1 SINERS.
	Many species of fishes of insects, crabs,
	to the are found.
	molluskes are found.

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Overview of Food chain, Food wheth and Buological	
Beologi Cal	
-a) Marine Ecosystem :-	
	_
- About 71% of earth's Surface is convered & navine crosystem. It is divided into	y
a) Oceanic Lone - shallow part of Ocean.	
b) profundal zone - Deep water	
In Is bottom enternal.	
1000 tides	
e) Estuaries - Area where fresh water	
dumps loto ocean (creek.)	
Here water is partially	
wetlands completely shallow.	
9) Coral reefs - Also known as "Pil !	
9) Coral reefs - Also known as "Rainforest" of a (These are accumulation of	ea
Cally deposited by marine organism like	
Corals 4 shell fish).	-
	_



