1	Module T
-	Basis of Engrepomental Studies
N	Basic of Environmental Studies Environmental Studies
L	Introduction Scope & importance of environment
4	Introduction Scope & importance of environment. 4 Import concept of natural and artificial or man-made
	enitionment.
	1 is a should hudrosohine.
13.	Structure and function of atmosphere, hydrosphere,
9	Ecology and Ecosystem - Dy'nition, types, structure and function of custystem.
	and function of custystem.
3	Natural Resources - Introduction, classification, conscriction of natural resources.
9	Water resources
<u>b</u>	Porcet "
2	Minorals "
	The second of the second secon

1979	Date
	The word environment means surroundings the
7	Biotic factor: include all living factors or living beings eg. animals, humans and plant.
4	Abiotic factor: include all non-living factors. g. ain, water, soil, minurals etc.
	Natural Environment or Biophysical Environment
0	Brophysical or Natural environment contain three basic Agments - Hydro Atmosphere & Brasphere & withosphere & Brasphere Conformiore
0	Atmosphere and a part of different gases or trau) mixture of different gave sockeding water vapour. Atmosphere contain five following layer-
Q) S)	Proposphere b) Stratosphore C) Mesosphore d) Phermosphore
	Major function of Atmosphere-
	Atmosphere control all climatic events or hydrological yello It contain O2 and CO2, which are useful for living purpose (respiration).

Hydrosphere on the part of careth B covered with coaser 70%. of courter surpce is covered with water 13 called hydrosphore 240 out of total cocker of sources 0/4% 20% found in sally form (sea & oceans) only 1% found in Just water farm & oust water found in pokuize or glaun Major Junction of hydrosphere: Of provide Mulation functions eg hydrological cycle or cloud formation It manton contintemporatore. Boxes thurd of plants and animals and humans It provides social and industrial uses as coolant, solvent Lithosphere: Solid part of earth Sugar is called lithosphere between Sugar Cogers - Ochet Dore 3 mantale. Earth Coast and bolid upper part of montle. It is made up of three types of Hock Ometaphic Digneous 3 sedimentary. Opper thick Coy or at lithosphore is called sortwhich its minture of minerals and organic matter soil is generally fertile and help in plant growth. 1) It provide solid surface. 2) It pravide soit for plant growth. a " larga a decomposition process.

9	Lith as phore provide morals for deferent purpose.
6	Lithosphere provide mirroras programme " " land for agriculture " chilization, infrastorracture " chilization, infrastorracture
	Brosphere: The part of earth that substant life the called brosphere. It includes all living plank against
	am (river foctors)
	loved in stongsphore above 2 Km's 9 to 10 Km's
	Land in hydrosphane only few
	Functions. Fresence of the
	Ecology and Environment?
	The subject environment and ecology contain two base components - O Ecology @ Environmental Selence.
	Envisionmental Science 6 is the study of envisionment
3/41/	and helludes brological factor
	The services major assus which are connected with
700,000	enveronment all types of pollution over population, unbonezation, and main, global warming, unequal
	destribution of main etc.
Watsh	Ecology's Relaxonship No
	Ecology & the study of viving or announne -ntal factor. It
	Study of living beings or envisionment. OR
	Audy of Biotic or Albiotic factor which are dependent or

		Page:
		Date : / /
	eg Rood chash, Carbon cycle	
	eg Rood chas , Carbon cycle	The same of the sa
		The second secon
	Scope of Subject in Major Mrca	C AND THE STATE OF
0	Matural Resources: There consorvation	and management,
	environmental sarries	1 Confeet 1
	Consulvation & management of different surpurer, eg Prosett, Water, Menerals	19/23
@	Pollution: Environmental science help s	o control different
	type of follution (alt, water	, norse , land & thermal
	etc.).	
(3)	Issue Related to enveronment and develop	ment . En Bromental
		7000
	find out solutions against complen serves	of environment and
	The chiques autopation	A Survey of A
	1 100 10 ner copulation, getter in	Janning and great
	and all type of pollution etc.	
(9)	Job Deportunities: 1 2 Industries	The same of the same
O	(2) Academics	
	3 Government Sector	
	9 Green medien	
	OGreen marketing	A MANESTER SE
	@ Robinson & Develop.	A Company of the Comp
	(9) NGO (Non-governmental on	ga.)
	412/12 20/18	of the first war and
	The second second second	

	Ecosystem:
	Ecosystem can be define as structural or functional word
	a biesphere , 97 indude two basic components (6004)
2000	and abiotic) both an connected and energing
enu	is protestal 6/w term The term of congretor
	given by Sier Tandely in 1935 ieg . Tous crong hon
1933	gransland, viver pond ecosystem.
Mineral Property of the Parket	Types of Ecolystem and Classification of Ecosystem-
THE	The same of the sa
	Éconystem distribud in 3 basis categories -
-	Dan Dan Bank
(0)	Terrestral & Aquatic 3 mon made & consystem
0	Terrestrial ecosystem: The Enteraction Who organism and
308.0	envolument on the earth is called
No.	terre ocor, og Porett, gransland plate, disert eusystem.
	The of age of salt is less than 5. come
	*
	Marine Preshwater Econysten
	Agustre econgerms The solt concin' is 350%. They
7	an divided in -
1200	The state of the s
0	Preshwajen evorystem
Ø	Preshwajen evorystem Marshi 11
① ② ③	Preshwajen evorystem Marshi 11
(3)	Preshwater evorystem Maren 11 Bracketh water 11
	Preshwater evorystem Marshi 11 Brailean water 11

	factor of Morabic.
0	Physical & Chemical @ Adaptic factors
	Mysical Henrical property
	ain water to during and work terrane.
14	800 (Chemical " ")
1 4	COD (Chemical "
1 h	DO (Dissolve Onggest)
	The same of the sa
	Natural Resource & Perpetual & Abstract. Resources
	ex Solar, wind of Sound.
	(Not appealed)
	by henon detivities)
	The second of a state of the same of the same of
333	Parest Resources:
	18.01
	O Economical Importance - @ Ecological Importance
0	value for tribes (cultural values
	Committee to proper land
The second second	
	Deforestation: Cour & Effects
	Large delete to true land capital
	Function & Streptere of Atmosphory
= 2,	Function & Strepters of Atmosphory Job opportunity.
= 3.	Funerion & Strepture of Atmosphery Job opportunity. Awareness
= 3.	Function & Strepture of Atmosphory Job opportunity. Awareness E cosystem - Classifitation (Man made brush water)
= 3. = 3. = 4. = 5.	Function & Strepture of Atmosphery Job opportunity. Awareness E cosystem - Classification (man made brush water) Food Chain
= 2, = 3. = 4. = 5.	Function & Strepture of Atmosphere Job opportunity. Awareness E Cosystem - Classifitation (Man made brush water) Food Chain Enorgy Pyramid
= 2, = 3. = 4. = 5. = 6,	Function & Stripter of Atmosphery Took opportunity. Awareness E cosystem - Classification (man made foresh water) Food chain Enogy Gramed R chouses - Abstract and Perpetual with ex
= 3. = 4. = 5. = 5. = 6.	Function & Stripter of Atomosphery Job opportunity. Awareness E cosystem - Clarifytation (man made fourth water) Food chain Enogy Pyramid Resources - Abstract and Perpetual with is Conservation of water & mineral sum (they
= 2, = 3. = 4. = 5. = 6.	Function & Stripter of Atmosphery Took opportunity. Awareness E cosystem - Classification (man made foresh water) Food chain Enogy Pyramid R chouses - Abstract and Perpetual with 32