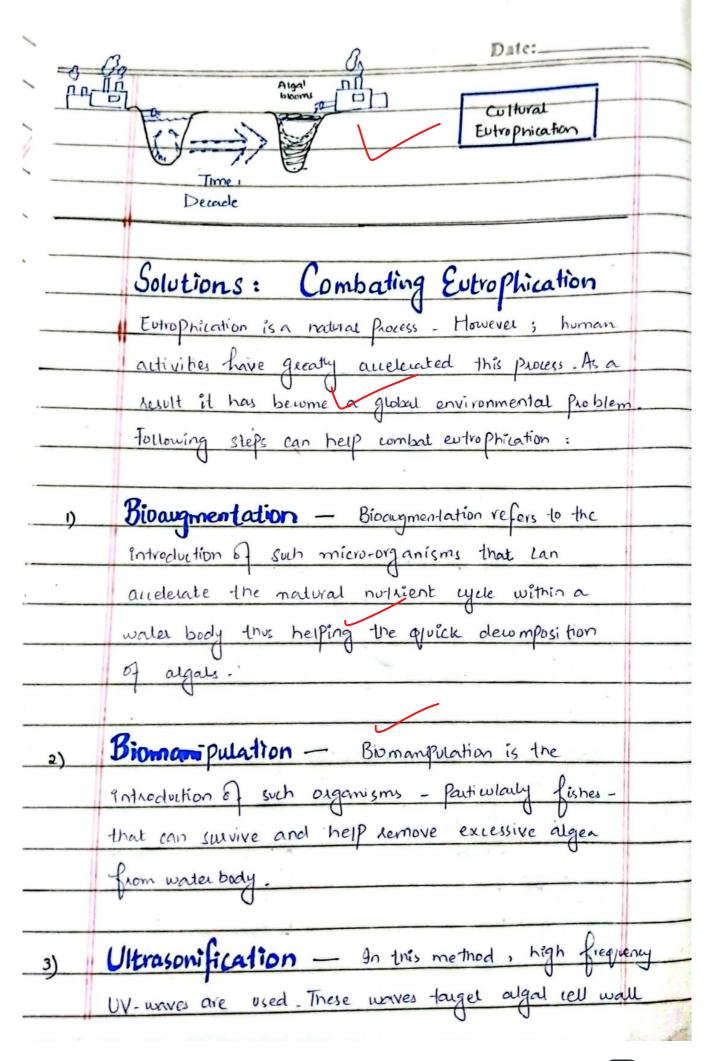


	Date:
Contributing	factors
Natural entrophication is caused	Cultural entrophication is
by matural events such as	caused by antheopogenic
wind erosion, sedimentation.	activities such as sowerage
	, agricultural run off ,
	indutaial discharge within
	water body.
Time Scal	9
Natural entrophication is a	Cottural entrophication is a
Slow aging Process and takes	fast Process - aided by human
Place over centraries.	involvement - it takes
	Place within decades.
Effect	
Both natural and cultural evit	rophication are responsible for:
→ Death of fish and o	
> Destauction of ayou	N .
> Spread of toxins	
→ Disturb the aestheti	c beauty of that Pauticular area
Algal Hill	
	Natural Eutrophication
Time: Centuaries	
Central	



	Date:
	have adverse impart on sensitive argunic formation.
7)	Other Measures :
/	Besides these, other measures can also be adopted
	in order to avoid eutrophications. These are listed
	as follows:
7	Individual Level
	-> Reduction of Phosphosous in chemical detergents
	-> Elimination of use of chemicals in our daily
	life.
7	Community Level
	Spread awareness among masses
	- Use of purifying plants to versore excessive
	nitrates & Phosphates from waskwater
	-> Adoption of sustainable agriculture Practices
ans	is good and well written
enh	ance the length of ans
5 pa	age ans is not satisfactory for 20 marks
-	
ove	r all ans is good 9/20

Environ	mental Science
	Discuss briefly noise pollution (CSS-2020) 10 marks.  Noise Pollution:
	The term 'noise' is derived from latin word mausea meaning feeling of sickness. Noise Pollution can be defined as any unwanted, unpleasent or
	as well as environment.
	Unit of Sound Intensity:  Noise or Intensity of sound is measured in Decibels (db). Human ears can Perceive sound
	From 20-100 dB. Above it is considered harmful.  WHO Recommendation:  World tleath Organization (WHO)
	recommends a sound level of 45 dB during the day and 35 dB at night. A sound intensity
	level of 80 dB is hazardous.  Sources of Noise Pollution:  There are two main sources of noise
i-	Pollution. These are listed as:  Androv Noise Pollution
ii-	Outdoor Noise Pollution

	#
1-	Indoor Noise Pollution - Indoor Sources refers
	to sources that are Present within homes or residential
	aveas. These include noise from a washing machine
	, microuave, music-Bystem etc-
ii	Outdoor Noise Pollution - Outdoor noise comes
	From external sources. This include noise from
	vehicles, trains, direrafts, construction area,
	louds Peaker etc.
	Effects of Noise Pollution:
	Dizziness
	Headache Auditory
	fatique
	Da afness Behavioral
	Disorders
	Depression Lack of concentration
	D N. D.
	Measures to Prevent Noise Pollution:
	Noise Pollution can be reduced by
	taking Precautionary measures to reduce sound
	level at source and from receiver's end-

	Total or College
	Some measures are listed as follows
	Source Control:
i-	Improved Technology - In order to reduce
THE REAL PROPERTY.	moise pollution at source, improved technological
	measures should be adopted. This may include
	applying a sound proofing material over machinery
	to absorb excessive noise or using than with
	more blades to reduce noise_
ij-	Sound Proofing - The use of sound proof
	material such as acoustics tiles, carpets,
	drapery can also help reduce sound. The use of
	double Pane windows is another important measure to
	reduce Sound.
iii -	Use of Building Codes - Building codes should
	be followed while upting for constructing residential
	or commercial building constructions and as per
	these codes essential measures should be taken to
	maintain sound to an optimum level.
	Control At Reciever's End:
1-	Safety Measures - Workers safety measures
	under Occupational Health and Safety Administeration
	(OSHA) should be ensured by Providing them

-	a stress free environment.	
ii -	Use of PPE's - The use of Personal Protective	
	equipments (PPE's) by all workers should be	
	ensured. These may include safety helmet, ear plugs	
	s earmuffs etc-	
	Community Measures:	
	Education - Educating masses about harmful	
i-	Education _ Last a great deal-	
	effects of noise Pollution can help a great deal-	
	Other measures like ban on hoon enear vesidente	
	areas, use of Londspeaker and Lond music during	
	festivale should also be banned.	
ii-	Planting Trees - Planting tree belts and	
	regetation around roads and industrial areas	
	can also help. Trees absorb sound and thus create a	
	buffer zone.	
iii-	Insdustries Flury from Kesidences - Industries	
	Insdustries Away from Besidences — Industries should be build away from residential areas. This	-
	Prevents unnecessary harms of noise pollution on	
	by committee.	
	mearby communities.	
	well done 7/10	