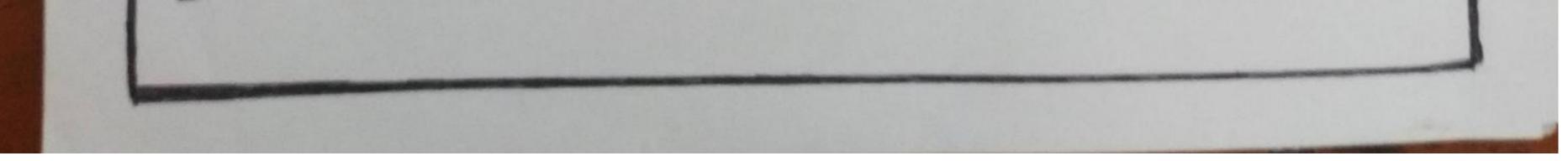


NAME: SANDIPA SHIT ROLL NO.: 70 CATEGORY: 20010gy honoways GEMESTER: 1st sem. SESSION: 2021-22



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## Raniganj Girls' College

## **Course Name: Environment Studies**

## **Course Code: AEE101**

## Topic of the project: Water pollution

## A Project Report

#### Submitted by Semester-I students (Academic Year 2021-22)

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#### CERTIFICATE

This is to certify that this project titled "Water pollution" submitted by the students for the award of degree of B.A. Honours/ Program is a bonafide record of work carried out under my guidance and supervision.

| Name of the student   | Registration Number |
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Place: Raniganj

Moremila Pal

Date: 18.03.2022

Assistant Professor, Department of Zoology

Signature of the supervisor with designation and department



## Kazi Nazrul University Asansol West Bengal - 713340

## **REGISTRATION CERTIFICATE**

This is to certify that SANDIPA SHIT

Son/Daughter of DILIP SHIT

of RANIGANJ GIRLS' COLLEGE

is registered as a student of this University,

His/Her registration number is 113211220031 of 2021-22



Registrar



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# Interior . . Interior . . Definition of water Pallution. . Causes of water pollution. . Effect of water Pollution.

Prevention of water pollution.
Water pollution in Raniganis city.
Acknowledgement.

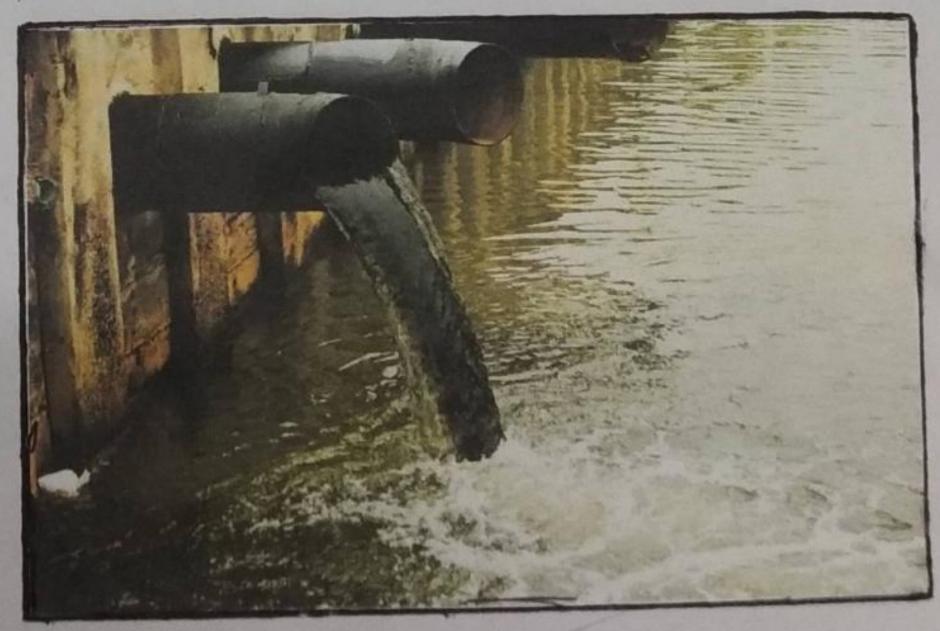


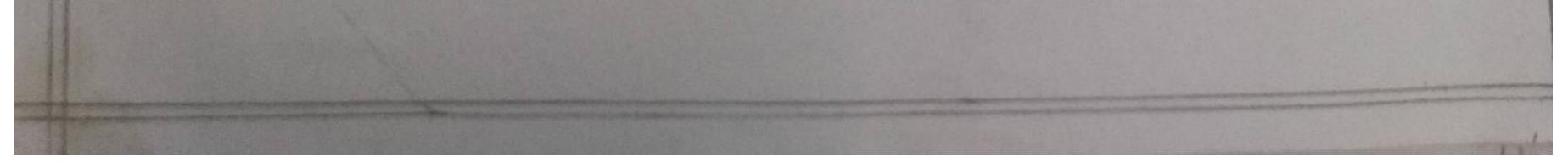
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# WATER POLLUTION

Introduction: Water pollution is a broad term that describes any kind of contamination of bodies of water such as rivers, lakes or wetlands with substances that can pose threats to human health or the natural environment. The problem of water pollution is reopardizing own health unsafe water kins more people each year than war and all other forms of violence combined. Meanwhile, own drinkable water goverces are finite less than 1 percent of the earth's foreshwater is actually accessible to us.

So, to better understand the problem and what we can do about it . Here's an overview of what is water pollution, what causes it and how we can protect ourselves.





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## Mhat is Mater pollution? Hater pollution is the contamination of water bodies (like aceans, seas, lakes, rivers, ponds, aquifers and groundwater) usually caused due to human activities water pollution is any change in the physical, chemical or biological properties of water that will have

a detoimental consequence of any living organism.

Southwick (1976) has given a scientific definition of water pollution. This is \_\_\_\_\_ co The physical, chemical and biological changes of own natural water wealth reach greach as stage at which it becomes whit for human consumption then the water is said to be polluted." There are two types of water pollutants:-There are two types of water pollutants:i) Natural pollutants.



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# causes of water pollution:

These are many sources of water pollution. They are \_\_\_\_

1. Industrial waste: - Industries produce a toremendous amount of waste, which contains toxic chemicals and pollutants, causes our envisionment and us. They contain harmful chemical, including lead, mercury, sutfur, hitolates, asbestos de. Many industries, not having a proper waste management system, drain the waste in the foreshwater, which goes into canals, rivers, ponds, lakes. and later into the sea.

2. Sewage and wastewates: The sewage and wastewates is produced in each household are toreated chemically and released into the sea along with foresh wates. The sewage wates carries bathogens, a typical wates pollutant, other harmful bacterials, and chemicals that can cause serious health problems and thereby diseases



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3. Chemical festilizers and pesticides:page-4 chemical festilizers and pesticides are used by farmers to protect crops from insects. and bacterias. They are useful for the plant's 2000th. However, when these chemicals are mixed up with water, they produce harmful pollutants for plants and animals. Also, when it stains, the chemicals mix up with stain water and flow down into sivespand ponds, which pose serious damages for aquatic animals. Food and Agriculture Organization of the United Nations 



4. Marine dumping. The gasibage psuduced by households in the fosim of paper, plastic, food, aluminum. Jubber, glass is collected and damped into the sea. in some countries. These items take 2 weeks to 200 years to decompose. when such things enter the sea, they not only cause water pollution but

More people, more food, worse water? a global review of water pollution from agriculture

also havin animals in the sea.



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Effect of Water pollition: Deterio rating water quality is damaging the envisionment, health conditions and the global economy. some of them are -1. Contamination of the food chain: - Fishing in polluted waters and the use of waste water for livestock farming and agriculture can intoroduce toxing into foods which are harmful to own health when caten. Aine

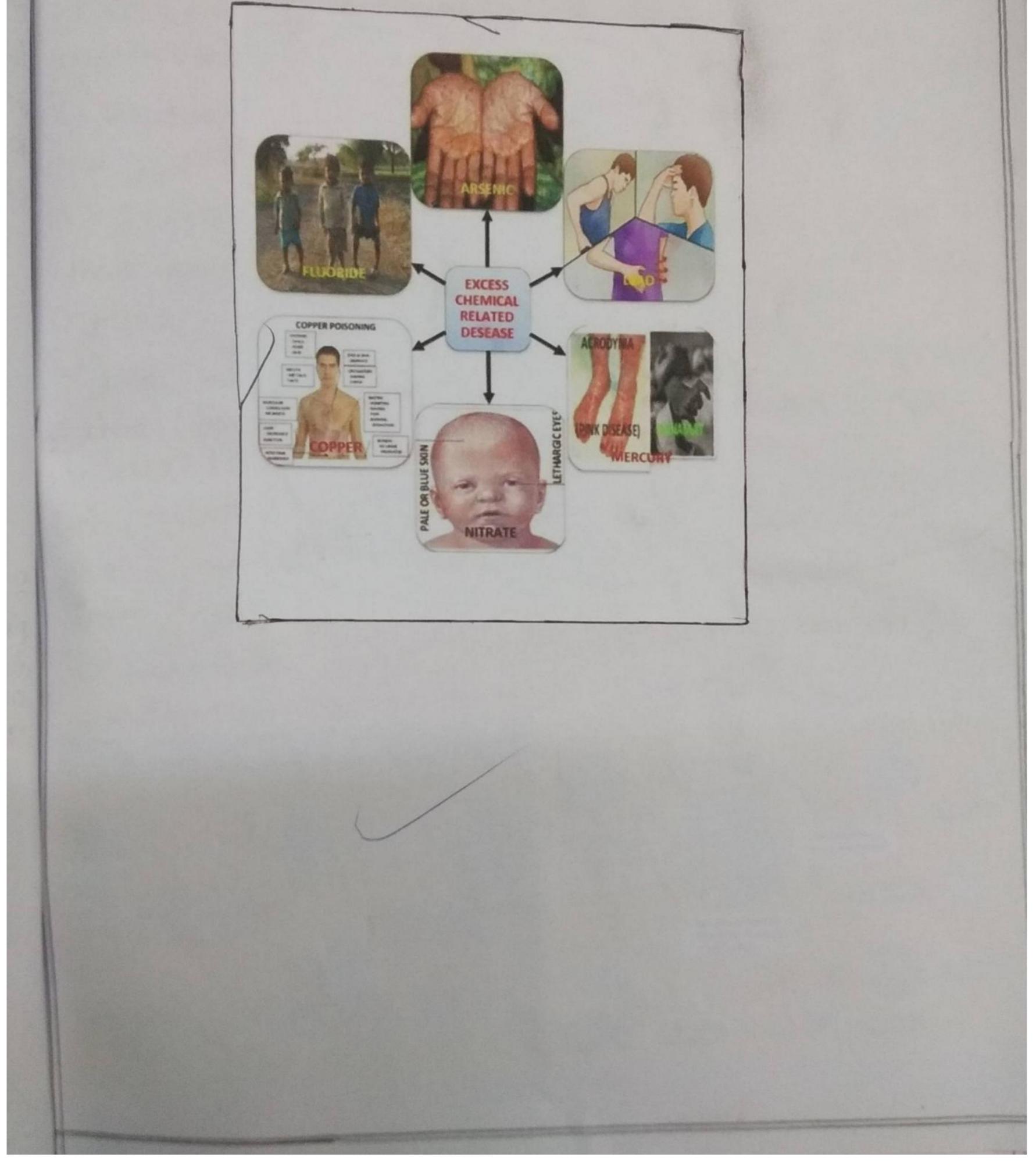
2. Algal bloom: - Addition of compound's containing nitoragen and phosphosius helps in the growth of algae and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay consume and other plants which when die and decay constitute system of water under an aerobic condition foul and other plants are produced. Excess growth or decomposition of plant

decomposition of pulling material will charge the concentration of con which will concentration of con which will further charge pt of water. Many physicochemical charges for it.



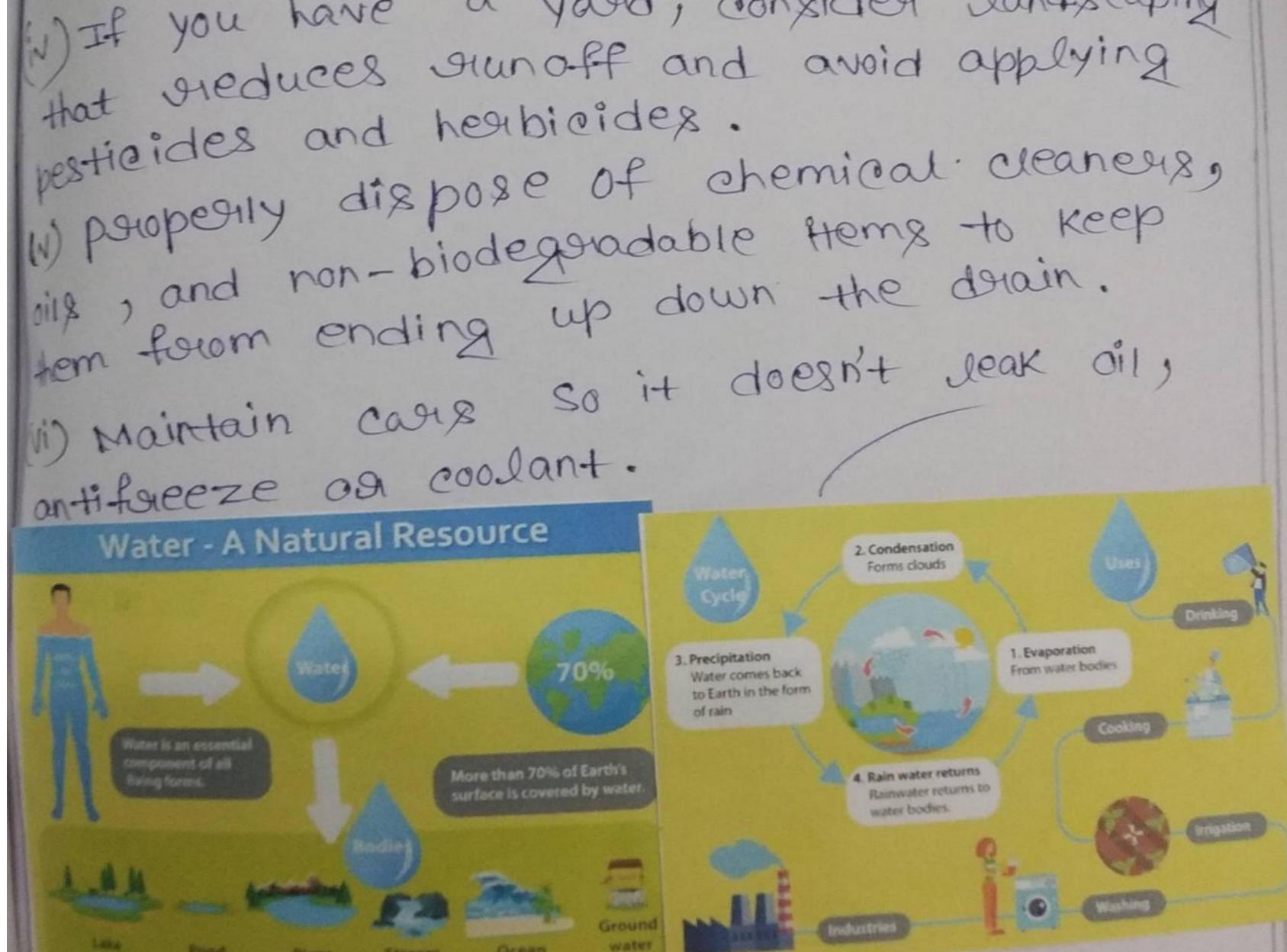
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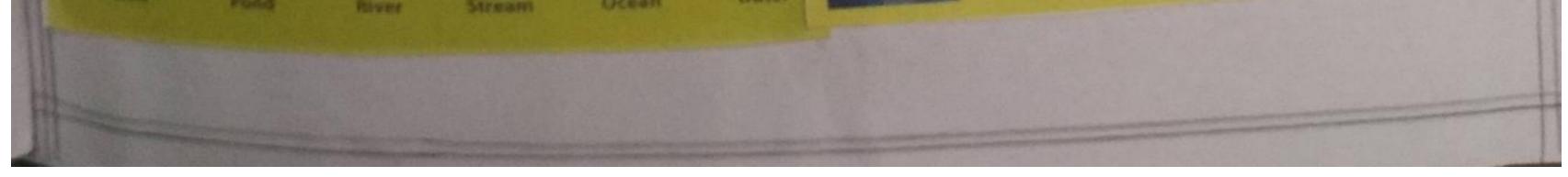
3. Disease: - In pallited water many harmful pollutants lives like lead, mesicury, asbestos, sodium etc. They build many disease in human peings like cholesia, lung cancer, liver cancer, and many nervous disorders.



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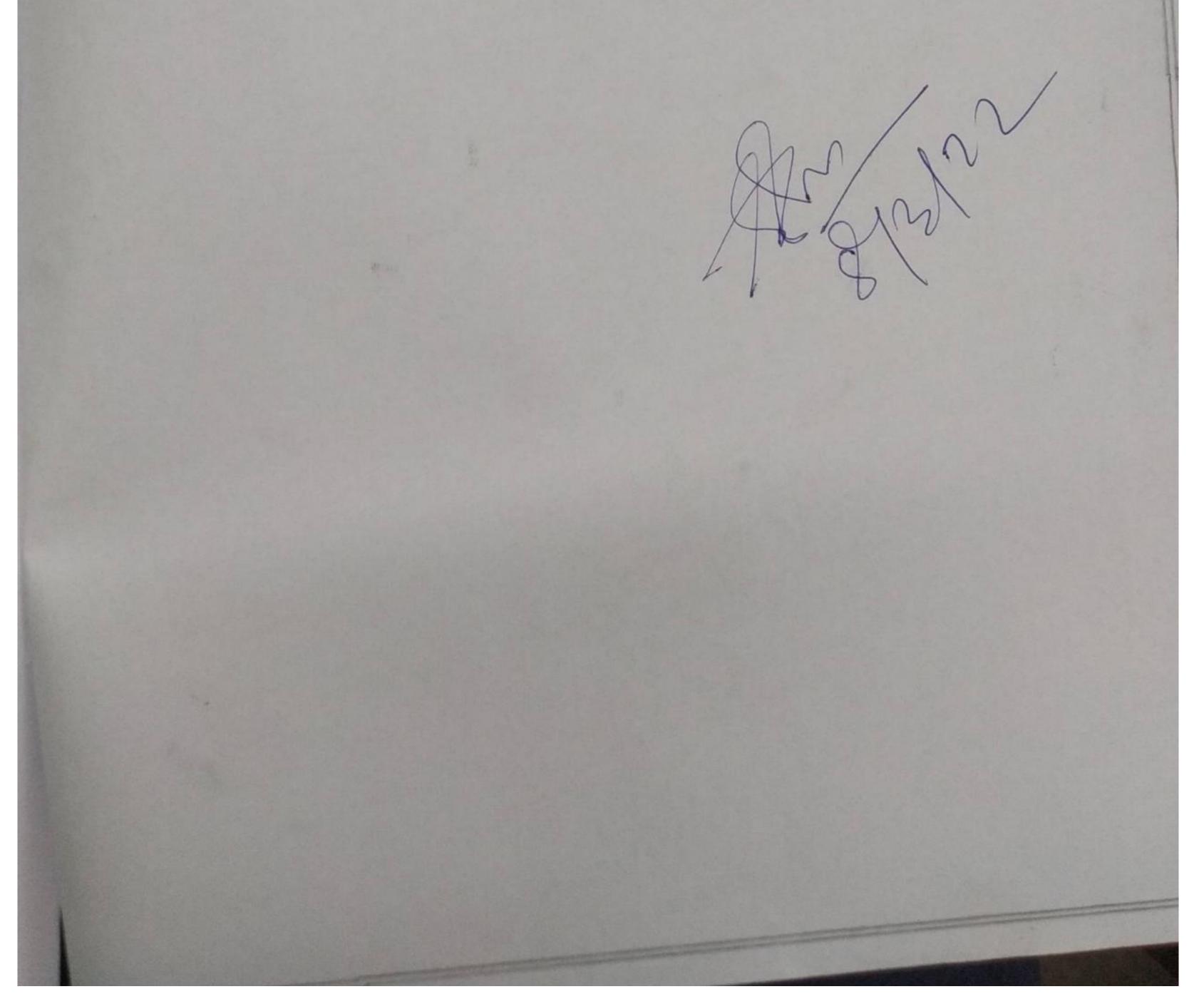
gevention of Water Pollution: tope days water pourtion is the biggest blen in woorld. So, we must brevent blen pollution with measures like are ing :huowing:peduce con emissions to prevent trilobal Jerming and acidification of the ocean. preduce the use of chemical pesticides ind nutrationts on crops. prestatict the use of single-use plastics Hat end up floating in sivers, lakes and reans, many as microplastics. (v) If you have a yard, consider landscaping





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Acknowledgement I an Sincessely genete ful to the teaches noutmital pal fost choosing this project. Without here personal cooperation and advice, such a project would not have peen possible. We thank them fost theirs distect and indistect help in the fistst phase of project.



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