

Subject: Ev.Sc./ 5TH**Aspect: Tutorial****Monday 24th August 2021****Lesson no.: 10. Pollution**

Learning Objective: Students will learn about

- Effects of Water Pollution
- Measures to minimize Water pollution

Effects of Water Pollution

Water pollution adversely affects the health and life of man, animals and plants alike. Polluted water is also harmful for agriculture as it adversely affects the crops and the soil fertility. Pollution of sea water damages the oceanic life.

The most diverse effects of water pollution on humans is when it affects the health of people. Disruption of aquatic life is the primary effect of water pollution. Polluted water contains many disease-causing elements such as bacteria and viruses which trigger other harmful diseases, namely cholera, and typhoid. It can even lead to chronic conditions, including hormonal imbalances, hepatitis, altered brain function to cancer. Also, swimming in polluted water is a high risk as it can cause skin and eye allergies.

Effects of water pollution



Dead zones are areas of water bodies where aquatic life cannot survive because of low oxygen levels.

The environment is also disturbed as it slowly kills animals and plant life that are dependent on them for nourishment. It also supports the growth of harmful organisms that destroy the biodiversity of the water body. Certain algae growth reduces the level of oxygen in the water, killing everything in it. In some areas, pollution is so severe that it causes “dead zones” where there is no life.

Measures to control Water Pollution

- We should not throw waste in the water bodies.
- Industrial waste should be treated before released into water bodies.
- Sewage pipes and water pipes should be laid at distance from each other.
- Throwing of idols as well as *ceremonial bathing* in the water bodies should be avoided.

Homework

Q 1. How can we control water pollution?