

### Q No 3

#### Introduction:

Any activity that damage the environment is known as pollution and the entities that cause the pollution is said to be pollutant. There are uncount activities either anthropogenic or natural that are damaging the environment through pollution. The range of the pollutants varies with the activities and extent. Thus, certain measures can be adopted to prevent the earth and its environment from the devastation. These catastrophic impacts would be either in form of land pollution or in shape of water or air pollution. Different strategies should have to be adopted to overcome these pollutions.

DO NOT WRITE ON THIS PORTION

## Options to address environmental Problems:

There are multiple options available through which the environmental problems can be addressed. All these options are depending upon the condition of the pollution. Also for different types of pollution, different ways would be adopted to address the problem.

## Options for Water Pollution:

The options that are available and can be easily implemented for the overcoming of water pollution are:

(a) Discouraging industrial waste to rivers and other sources of clean water.

In populated societies, the industrial waste/water are directed to rivers and other source of water, that need to be discouraged.

(b) Proper dumping of domestic waste.

Government should have to install proper dumping system, so that the public don't contribute to the water pollution via garbage.

(c) Limiting the use of fertilizers.

The excessive use of fertilizers is also polluting the underground water that

use should be limited.

(d) Constructing proper sanitation systems.

Due to an inadequate sanitation system in the societies, the healthy sources of water are also being ~~popul~~ polluted, that need proper attention.

(e) ~~A~~ Initiating water treatment.

Government should have to adopted proper water treatment techniques.

(f) Public Awareness:

The most important step, and even one of common among all types is the spread of awareness in public through education, media, seminars or via any other source.

Options for Land Pollution:

Land pollution is existed at a very large extent. That leads to different health and crops disease. Land pollution need proper attention from public and also from the government. Some important steps are:

(a) Avoid deforestation

Cutting of the forest lead to land degradation and soil erosion. So, it is important to avoid deforestation.

(b) Population Control.

One of the major problem of Pakistan,

and one of the prime cause behind pollution need to be addressed.

(c) Dumping of domestic waste:

In most of the countries, including Pakistan, dumping of domestic waste is a headache. So, it is important to take serious initiative for domestic waste dumping.

(d) Unplanned urbanization be restricted.

The government should have to discourage the unplanned urbanization and construction in the urban and rural areas.

(e) Public awareness:

Public need to be educated regarding the adverse repercussions of land & pollution.

### "Measure for air Pollution"

Recently all countries of the world, are under the influence of air pollution. This problem of the large scale need to be dealt with an iron hand. Some of the measures for the control of air pollution are:

(a) Encourage Afforestation:

Trees are the carbon sinks. So, the sapling of trees is not only a virtue for our carbon sinks as well. & therefore, afforestation have to be encouraged.

(b) Discouraging the use of green house gases:

Green house gases like  $\text{CO}_2$ , methane, CFCs are the major contributors in air pollution - thus the emission of such gases be discouraged.

(c) Shifting from conventional resources to renewable energy resources.

As conventional resources are emitting carbon and other environment evil gasses. so, the over-dependency should be curbed on ~~non-renewables~~ non-renewables.

(d) Cooperation and Collaboration among other countries of the world.

Government should collaborate with other countries for the sake of environmental pollution and especially air pollution control.

### (c) Public awareness:

One of the most important step to overcome the environmental pollution can be done with the spread of awareness among public.

### Conclusion:

An African quote is "The world is not what we got from our ancestors, but, it is something we borrowed from our next generation" ~~that~~ means we have to return a clean and healthy world with a low pollution, to our next generation. Therefore different measures should be adopted to control air, water and land pollution. This is not only, we have to take some serious measures against noise pollution as well. In, all measures of controls, the most important one is the public awareness that can be done through books, conference, or through media. Though we can control environmental pollution.

2025.01.23 22:45