

## ASSIGNMENT 01

Q:1 Need of Public Awareness in the study of Environmental science.

Ans: It is essential to make the public aware of the formidable consequences of the Environmental Degradation. If there are no addresses and reformative measures undertaken, the extinction of life is inevitable. We are facing various environmental challenges as discussed below:

- i) **GROWING POPULATION** : A population of over thousands of millions is growing. Over 17 million people are added each year. It puts considerable pressure on its natural resources & reduces the gains of development. Hence, the greatest challenge before us is to limit population growth.
- ii) **NEED FOR GROUND WATER** : Factors like community wastes, industrial effluents and chemicals, fertilizers & pesticides have polluted our surface water and affected the quality of the groundwater. It is essential to restore quality of groundwater through decision on suitable technologies.
- iii) **DEGRADATION OF LAND** : Agricultural land suffers from varying degrees of soil degradation. Land degradation mainly occurs due to overgrazing & soil erosion due to wind and water.
- iv) **AIR AND WATER POLLUTION** : Majority of our industrial plants are using outdated and pollution technologies & makeshift facilities devoid of any provision of treating their wastes. A great number of cities and industrial areas that have been identified as the worst in terms of air and water pollution.



v) **DEVELOPMENT AND FORESTS** : Forests serve catchments for the rivers. The increasing demand for water, led to using rivers for irrigation purposes & projects. These caused forests to submerge and displacement of local people apart from damaging the local flora and fauna.

\* Acts are enforced in the country, but their implementation is not easy. The reason is their implementation needs great resources, technical expertise, political & social will.

\* Again the people are to be made aware of these rules & the consequences of Environment degradation so that the surrounding or Environment can be safe from depletion.