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Class 10th

Sub. Biology

Date:- 15.07.2020

Based on NCERT patterns

1. If all the waste we generate is biodegradable, will this have no impact on the environment?

Biodegradable wastes are decomposed by the microorganisms into simpler substances which can be used by the producers as a raw material. But following are the effects of too much of biodegradable wastes: - As the decomposition of the biodegradable wastes are slow, they produce awful smell and when inhaled by humans it can be harmful.

- The dumping areas can be a place where harmful organisms may start to breed which can be harmful to humans as well as plants and animals.

- Increase in the number of aquatic organisms may result in depletion of oxygen.

2. Why is damage to the ozone layer a cause for concern? What steps are being taken to limit this damage?

Ozone layer is a protective cover for the earth.

It prevents harmful UV rays from entering the earth as these rays harmful and can result in skin cancer.

But the air pollutants like chlorofluorocarbons (CFCs) are the main reason for the depletion of the ozone layer.

Too much of UV rays are harmful for plants as they affect the photosynthesis, destroy planktons and decomposers.

These are the reasons why damage of ozone layer a cause of concern.

Steps taken to limit is many developing and developed countries have signed and are obeying the directions of TINEP (United Nations Environment Programme) to freeze or limit the production and usage of CFCs.