

CLASS 9

SUBJECT – ENVIRONMENTAL SCIENCE

CHAPTER – UNDERSTANDING OUR ENVIRONMENT

SYNOPSIS

1.a. Environment means our surrounding – biotic and abiotic component.

b. Environmental science involves

- the natural world
- human beings interaction with environment.
- how humans affect and change the environment.

c. Environmental Science is an interdisciplinary subject.

2. Major environmental problems are

- pollution
- resource depletion
- extinction of species

3. Global Perspective of environmental problems.

Developed countries are responsible for

- ozone depletion
- green house effect
- acid rain

Developing countries are causing environmental degradation due to overpopulation.

Common problem – overconsumption of resources

Both developed and developing countries can make a conscious effort to avert environmental damage by

- using eco friendly technology
- using alternative source of energy.

4. The root of environmental problems

- overpopulation

Developing countries put additional strain on the scarce resource.

Developed countries leads to unsustainability of resource.

- Overconsumption of resource

5.A sustainable World

- The modern concept has been derived from the 1987 Brundtland report , United Nations.
- Sustainable development meets the need of the present generation , without compromising the ability of the future generation to meet their need.
- Dimensions of social sustainability by Nobel laureate Amartya Sen
 - Equity
 - Diversity
 - Social cohesion
 - Quality of life
 - Democracy and governance
 - Maturity
- Characteristics of Sustainable society or community
 - Healthy climate and environment
 - Social wellbeing
 - Economic security
- Sustainable society is one that has learned to live within the boundaries established by ecological limits.

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