

Environmental Studies - Our Environment

Introduction:

Environmental Studies (EVS) helps us understand the relationship between humans and the natural world.

It includes the study of air, water, soil, plants, animals, and the interactions between them.

Key Concepts:

1. Components of Environment:

- Biotic: Living things like plants, animals, humans, microorganisms.
- Abiotic: Non-living things like air, water, soil, sunlight.

2. Natural Resources:

- Renewable resources: Sunlight, wind, water, forests.
- Non-renewable resources: Coal, petroleum, natural gas.

3. Pollution:

- Air Pollution: Harmful gases from vehicles and factories.
- Water Pollution: Contamination due to sewage and chemicals.
- Soil Pollution: Caused by waste disposal, pesticides.
- Noise Pollution: Loud sounds from traffic, machines.

4. Conservation:

- Planting trees (afforestation).
- Reducing, Reusing, Recycling waste.
- Saving water and electricity.

Examples:

1. Air pollution can cause diseases like asthma and bronchitis.
2. Recycling paper helps reduce the cutting of trees.

Practice Questions:

1. What are renewable and non-renewable resources? Give examples.
2. List two causes of water pollution.
3. How can we conserve electricity at home?
4. Write the 3R's of waste management with examples.

Summary:

EVS teaches us to protect our environment, use resources wisely, and maintain balance in nature for a sustainable future.