

Class Day	Theory Topics
1st	Definitions, scope and importance
2nd	Need for public awareness
3rd	Natural resources and associated problems
4th	Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction, mining, dams and their effects
5th	
1st	Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dam's benefits problems
2nd	Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
3rd	Food Resources: World food problems, changes caused by agriculture and over grazing, effects of modern agriculture, fertilizers - problems.
4th	Energy Resources: Growing energy need, renewable and non-renewable energy sources.
5th	
1st	Land Resources: - land as a resource, land degradation, man induces landslides, soil erosion, and desertification.
2nd	Role of individual in conservation of natural resources.
3rd	Equitable use of resources for sustainable lifestyles.
4th	Concept of an ecosystem
5th	

Class Day	Theory Topics
1st	Structure and function of an eco-system
2nd	Producers, consumers, decomposers.
3rd	Energy flow in the eco systems
4th	Ecological Succession.
5th	
1st	Food chains, food webs and ecological Pyramids
2nd	Introduction, types, characteristics features, structure and function of the terrestrial eco system
3rd	Forest ecosystem
4th	Aquatic ecosystems (Ponds, streams, lakes, rivers, oceans, estuaries).
5th	
1st	Introduction - Definition: genetics, species and ecosystem diversity.
2nd	Biogeographically classification of India.
3rd	value of biodiversity: consumptive use, productive use, social ethical, aesthetic and option values.
4th	Biodiversity at global, national and local level.
5th	

Class Day	Theory Topics
1st	Threats to biodiversity: habitats loss, poaching of wild life, man wildlife conflicts
2nd	Definition causes, effects and control measures of.
3rd	Air Pollution, water Pollution, Soil Pollution, marine pollution, Noise Pollution, Thermal Pollution
4th	Solid waste management: Causes, effects and control measures of urban and industrial wastes.
5th	
1st	Role of an individual in prevention of Pollution
2nd	Disaster management: floods, earthquake, cyclone and landslides
3rd	From unsustainable to sustainable development
4th	Urban problems related to energy.
5th	
1st	Water conservation, rainwater harvesting, watershed management
2nd	Resettlement and rehabilitation of people; its problems and concern
3rd	Environmental ethics: issue and possible solutions
4th	climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and predicament, case studies
5th	

Class Day	Theory Topics
1st	Air (Prevention and control of pollution) Act.
2nd	Water (Prevention and control of pollution) Act.
3rd	Public awareness.
4th	Population growth and variation among Nations
5th	
1st	Population explosion - family welfare Program
2nd	Environment and Human health
3rd	Human rights
4th	Value education
5th	
1st	Role of information technology in Environment and human health.
2nd	
3rd	
4th	
5th	