

ENVIRONMENT EDUCATION CLASS XI

SEMESTER-I

Unit-I: Man and Environment

Lessons

1. Environment
2. Population and environment
3. Impact of Human Activities on Environment

Unit-II: Environment and Development

Lessons

4. Economic and Social Development
5. Impact of Liberalization and Globalization
6. Role of Society in Development and environment

SEMESTER-I

Unit-I: Man and Environment

1. Environment

- Dimensions of Environment-physical, biological and social.
- Human being as rational and social partner in environmental actions.
- Society and environment in India: Indian traditions, customs and culture past and present.

2. Population and environment

- Population and Environment

3. Impact of Human Activities on Environment

- Environmental problems of urban and rural areas.
- Natural resources and their depletion
- Stress on civic amenities, supply of water and electricity, waste disposal, transport, health services.
- Vehicular emissions.
- Urbanisations-land use, housing, migrating and floating population.

Unit-II: Environment and Development

4. Economic and Social Development

- Economic and social needs as basic considerations for development
- Agriculture and industry as major sector of Development
- Social factors affecting development-poverty, affluence, education, employment, child marriage and child labour, human health-HIV/AIDS social culture and ethical values.

5. Impact of Liberalization and Globalization

- Impact of liberalization and globalization-agriculture and industries, dislocation of manpower and unemployment implications for social harmony.

6. Role of Society in Development and environment

- Role of Society in Development and environment-public awareness through education, eco-clubs, population education programme campaigns, public participation in decision-making.

SEMESTER-I

Project work

Exemplar projects and activities

It is expected that students will undertake two projects or activities, one of which should be undertaken individually and they will prepare report in each case. Teachers may plan and design projects and activities depending upon the local situations, available resources and environmental issues of concern. The projects and activities given below are only suggestive and not prescriptive.

- To study the changes that have taken place in the given land area of a city/village/locality/market during the last five years in respect of atleast five parameters like number of houses, residents and families, food habits, number of household goods in a family, consumption of water, electricity and fuels including that for personal vehicles by a family sources of noise (public address systems being used, television, radio and vehicles on the road), common facilities like number of schools, hospitals, shops, theatres, public convenience, public utilities, public transport, number of factories, industries and/or the facilities for production and processing of goods, loss of water bodies, types and quality of wastes, their disposal and treatment facilities with a view to discussing the patterns of changes and impact on the environment and quality of life. One specific project on these aspects may be to study the number of houses, residents and land area during the last five years in respect of the number of houses, residents and families and to prepare a report on their effects of civic amenities like availability of water, electricity and fuels, the drainage system, disposal of wastes including night soil.
- To study the environment profile of a town/locality/village in respect of population density, green cover; educational level of residents, social problems and sources of pollution and their effect on air, water and soil.