

FAQ's

What is the importance of value education?

Objectives of Value Education:

- a. To improve the integral growth of human beings.
- b. To create attitudes and improvement towards sustainable lifestyle.
- c. To increase awareness about our national history our cultural heritage, constitutional rights, national integration, community development and environment.
- d. To create and develop awareness about the values and their significance and role.
- e. To know about various living and non-living organisms and their interaction with environment.

Let us see how environmental education be made value-oriented:

1. Human Values:

Preparation of text-books and resource materials about environmental education can play an important role in building positive attitudes about environment. The basic human value 'man in nature' rather than 'nature for man' needs to be infused through the same.

2. Social Values:

Love, compassion, tolerance and justice which are the basic teachings of most of our religions need to be woven into environmental education. These are the values to be nurtured so that all forms of life and the biodiversity on this earth are protected.

3. Cultural and Religious Values:

These are the values enshrined in Vedas like 'Dehi me dadamite' i.e. "you give me and I give you" (Yajurveda)

emphasize that man should not exploit nature without nurturing her. Our cultural customs and rituals in many ways teach us to perform such functions as would protect and nurture nature and respect every aspect of nature, treating them as sacred, are it rivers, earth, mountains or forests.

4. Ethical Values:

Environmental education should encompass the ethical values of earth-centric rather than human-centric world-view. The educational system should promote the earth-citizenship thinking. Instead of considering human being as supreme we have to think of the welfare of the earth.

5. Global Values:

The concept that the human civilization is a part of the planet as a whole and similarly nature and various natural phenomena over the earth are interconnected and inter-linked with special bonds of harmony. If we disturb this harmony anywhere there will be an ecological imbalance leading to catastrophic results.

6. Spiritual Values:

Principles of self-restraint, self-discipline, contentment, reduction of wants, freedom from greed and austerity are some of the finest elements intricately woven into the traditional and religious fabric of our country. All these values promote conservationism and transform our consumeristic approach.

Discuss certain schemes brought out to safeguard rights of women.

National Commission for Women

In January 1992, the Government set-up this statutory body with a specific mandate to study and monitor all matters relating to the constitutional and legal safeguards provided for women, review the existing legislation to suggest amendments wherever necessary, etc.

Reservation for Women in Local Self -Government

The 73rd Constitutional Amendment Acts passed in 1992 by Parliament ensure one-third of the total seats for women in all elected offices in local bodies whether in rural areas or urban areas.

The National Plan of Action for the Girl Child (1991-2000)

The plan of Action is to ensure survival, protection and development of the girl child with the ultimate objective of building up a better future for the girl child.

National Policy for the Empowerment of Women, 2001

The Department of Women & Child Development in the Ministry of Human Resource Development has prepared a "**National Policy for the Empowerment of Women**" in the year 2001. The goal of this policy is to bring about the advancement, development and empowerment of women.

What is the significance of child welfare and what has been done to ensure their safety?

Universally child rights are defined by the United Nations and United Nations Convention on the Rights of the Child (UNCRC). According to the UNCRC Child Rights are minimum entitlements and freedoms that should be afforded to all persons below the age of 18 regardless of race, colour, gender, language, religion, opinions, origins, wealth, birth status or ability and therefore apply to all

people everywhere. The UN finds these rights interdependent and indivisible, meaning that a right can not be fulfilled at the expense of another right.

The purpose of the UNCRC is to outline the basic human rights that should be afforded to children. There are four broad classifications of these rights. These four categories cover all civil, political, social, economic and cultural rights of every child.

- **Right to Survival:** A child's right to survival begins before a child is born. According to Government of India, a child life begins after twenty weeks of conception. Hence the right to survival is inclusive of the child rights to be born, right to minimum standards of food, shelter and clothing, and the right to live with dignity.
- **Right to Protection:** A child has the right to be protected from neglect, exploitation and abuse at home, and elsewhere.
- **Right to Participation:** A child has a right to participate in any decision making that involves him/her directly or indirectly. There are varying degrees of participation as per the age and maturity of the child.
- **Right to Development:** Children have the right to all forms of development: Emotional, Mental and Physical. Emotional development is fulfilled by proper care and love of a support system, mental development through education and learning and physical development through recreation, play and nutrition.

What is the role of Information Technology on human health? Discuss

Information technology has tremendous potential in the field of environment education and health as in any other field like business, economics, politics or culture. Development of internet facilities, Geographic Information System (GIS) and information through satellites has generated a wealth of up-to-date information on various aspects of environment and health.

A number of software have been developed for environment and health studies which are used friendly and can help an early learner in knowing and understanding the subject.

Database on Environment System:

Database is the collection of interrelated data on various subjects. It is usually in computerized form and can be retrieved whenever required. In the computer the information of database and can be very quickly retrieved. The comprehensive database includes wildlife database, conservation database, forest cover database etc. database is also available for diseases like HIV/AIDS, Malaria, Fluorosis, etc.

(a) National Management Information System (NMIS):

NMIS of the Department of Science and Technology has compiled a database on Research and Development Projects along with information about research scientists and personnel involved.

(b) Environmental Information System (ENVIS):

The Ministry of Environment and Forests, Government of India has created an information System called Environmental Information System (ENVIS). With its headquarters in Delhi, it functions in 25 different centres all over the country.

The ENVIS centres work for generating a network of database in areas like pollution control, clean technologies, remote sensing, coastal ecology, biodiversity, western Ghats and eastern environmental management, media related to environment, renewable energy, desertification, mangroves, wildlife, Himalayan ecology, mining etc.

(c) Remote Sensing and Geographical Information System (GIS):

Satellite imageries provide us actual information about various physical and biological resources and also to some extent about their state of degradation in a digital form through remote sensing. Satellite imageries provide us actual information about various physical and biological resources and also to some extent about their state of degradation in a digital form through remote sensing. We are able to gather digital information on environment aspects like water logging, desertification, deforestation, urban sprawl, river and canal network, mineral and energy reserves and so on.

(d) Geographical Information System (GIS):

GIS has proved to be a very effective tool in environmental management. GIS is a technique of superimposing various thematic maps using digital data on a large number of inter-related or inter dependent aspects. Several useful soft-wares have been developed for working in the field of GIS.

Different thematic maps containing digital information on a number of aspects like water resources, industrial growth, human settlements, road network, soil type, forest land, crop land or grassland etc. are superimposed in a layered form in computer using software.

Such information of polluted zones, degraded lands or diseased cropland etc. can be made based on GIS. Planning for locating suitable areas for industrial growth is now being done using GIS by preparing Zoning Atlas. GIS serves to check unplanned growth and helps in providing correct, reliable and verifiable information about forest cover, success of conservation efforts etc.

They also provide information of atmospheric phenomena, like approach of monsoon, ozone layer depletion many new reserves of oil; minerals etc. with the remote sensing and GIS play a key role in resource mapping,

environmental conservation, management, planning and environmental impact assessment.

It also helps in identifying several disease infested areas which are prone to some vector-borne diseases like malaria, schistosomiasis etc. based upon mapping of such areas. There are several Distribution Information Centres (DICs) in our country that are linked with each other and with the central information network having access to international database.

They also provide information of atmospheric phenomena like approach of monsoon, ozone layer depletion, inversion phenomena, smog etc. We are able to discover many new reserves of oils, minerals etc. with the help of information generated by remote sensing satellites. Thus remote sensing and GIS play a key role in resource mapping, environmental conservation, management, and planning and environmental impact assessment.

(e) The World Wide Web:

With resources material on every aspect, class-room activities, and digital files of photos, power-point lecture presentations, animations, web-exercises and quiz has proved to be extremely useful both for the students and the teachers of environmental studies.

The role of online learning centre website has the following features:

(a) Student-friendly features:

These include practice quiz, how to study tips, hyperlinks on every topics with detailed information, web exercises, case studies, environmental maps, key-terms, career information, current articles, and interactive encyclopaedia and how to contact your elected officials.

(b) Teacher-friendly features:

These include in addition to above supplement resources charts, additional case studies, answers to web exercises, solutions to critical thinking, questions, editing facility to add or delete questions and create multiple version of same test etc. Information technology is expanding rapidly with increasing applications and new avenues are being opened with effective role in education, management and planning in the field of environment and health.