DEVELOPMENT OF ENVERONMENT USING TECHNOLOGY

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Abstract :-

In the present 21st century the use of technology is more. Due to advance in science and technology man started to depend more on technology. Therefore use of technology has both advantage and disadvantage on the environment. So I studied both merits and demerits of technology on the environment. "For the survival of one's life one has to scarify something ". Here environment is getting destroyed due to development in technology. With the use of technology man is destroying his nature with this technology interne is trying to solve this problem with the use of natural resources.

Introduction:-

Now a days the environmental problems are extremely important since they threaten to the future of mankind and the survival of human society at large At the same time the numerous environmental problems are basically determined by human activities and the development of the technology. Now a days, the negative impact of some technologies and human activities is obvious.

Meaning of technology:-

Technology is word originated from Greek word "Techne" which means 'art' skill. Cunning of hand. It is the collection of techniques, skills, methods and processes used in the production of goods or services or in the accomplishment of objectives such scientific investigation.

Meaning of Environment :-

Environment is everything that is around It can be living or non-living things. It includes physical, chemical and other natural forces. Living thing lives in their environment. They Constantly interact with it and change in response to the condition in their environment. In the environment there are interactions between animals plants, soil, water and other living and non-living things.

Relationship between Technology & Environment:-

The technology & does not operate in a vacuum, it dose so it an environment.

So the applications of technology will surely influence the environment with all its Components.

High emission cars will polite. The air for example. Environmental friendly technical application aim to reduce the negative effects on the Surroundings.

The environment could also influence the choice of a certain technology or the possibility of applying certain technology. The surrounding with all its elements such as atmosphere, location, geographical formations ete will put limitations to certain technology applications, ex air conditioners are likely to be used in hot climates while heaters in cold ones. So there is a reciprocal relationship between both. The environment serves as the room or the place where the technology is put in to practice, therefore it is inevitable   that there will be a Constant interaction between them.

Protecting the Environment:-

Environmental protection is the practice of protecting the natural environment on individual, organisation controlled or governmental lands, for benefit of both the environment and humans. Due to the   pressure of over consumption, population and technology and biophysical environment is being degraded. Sometimes permanently. This has been recorded and governments home begun placing restraint on activities that cause environmental degradation. Since 1960s the activity of environmental movements has created awareness of various environmental problems. There is no agreement on the extent of the environmental impact of human activity and even scientific dishonesty occurs, so protection measures and occasionally debated.

Causes and Impacts of overuse of Technology :-

Forests

◦ In areas of Africa, Asia, Latin America, Amazon region of Brazil,
  Deforestation – clearing of trees, taking place at rapid rate
◦ Trees burned, cut down to dig mines, clear land for farming, ranching
◦Some species of animals, plants have become extinct as result

Deserts

◦ Sahel region of West Africa, people struggling with desertification – spread of desert-like land
  Conditions
◦ Caused partly by drought, partly by human activity
◦ Trees cut for firewood, livestock overgraze land

◦ Without plants, wind blows rich soil away ; land becomes useless

Affected in Environment from Technology

1) Pollution :-

Air, water, heat & noise pollution can all be caused by producing & using technology consuming resources – Non – renewable resources, technology. Many others, such as coal, are consumed to use technology.

The manufacturing & maintaining of new technologies exhaust natural resources. Even some renewable sources like trees & water are becoming contaminated or are used up faster than they can renew themselves because of technology.

Manufacturing technology creates large amounts of waste & used computers & electronics get thrown out when they break or become outdated called ' techno trash'. These electronic contain for the environment.

Clearing land where animals used to like to build factories & allowing pollution to contaminate the food chain can greatly affect the environments natural cycles.

2) Global Warming :-

Technology can both increase & reduce global warming. Wind power, solar power, vertical farming, tidal power, geothermal power, energy saving appliances etc, help to reduce global warming.

However. HFCs, CFCs, nitrate fertilisers, coal extra oil extraction, natural gas extraction, nylon etc are all technologies. These technologies were the causes of global warming.

During the process of advanced technology, problems definitely occur, which releases some certain gases. These gases are extremely bad for our environment. With the earth's continued population growth, there is a corresponding demand for all the factors contributing to said warming :- coal-fired power plants, deforesting , vehicle exhaust (land, water. & air) agricultural burns, wars (the military industrial complex), concrete, asphalt etc.

Deforestation :-

Deforestation is the loss or removal of a forest or clumps of trees on a very large scale & converting the resulting land for non-forest uses.

During the process of advanced technology trees are renamed for various purposes like for production of fuels, Making furniture , construction of buildings, factories, ets Which creates the deforestation overly affects the environment. Which reducer the rain fall & makes the soil barren.

With the advanced in technology, for easy communication many trees are removed for the passage of wires & Networking.

Desertification :-

Decertification is a type of land degradation which relatively dry of land becomes increasingly and, typically losing its bodies water as well as vegetation and wildlife.

Use of technology sometime creates desertification. For the construction of Industries & buildings need to remove the trees & plants, which affects the environment & makes the soil infertile. Which intern reduces the production rate & becomes one of the reason for global warming.

Merits of Technology & Environment :-

The impact of technology in our lives, today is un measurable . We use technology everyday in different ways & we do it to harming up our lives or the society we live in. Following are the merits of technology on environment.

◦ The introduction of computer systems into both the home & work environment has eradicated the need to have reams of paper files & helps to preserve forests.
◦ Recycling technology will also help to eliminate waste.
◦ New methods such as wind turbines, solar power & hydro-electric power are under scrutiny & are constantly subject to tads to improve the efficiency of existing system.
◦ New technology which will boost food production improve infrastructure, improve healthcare and provide sanitation facilities could dramatically change the quality of the life in the developing world.

Demerits of Technology & environment :-
The disadvantages & damages that technology causes in the environment are big .◦ The air is polluted by people when they use much electrical energy, because the green house gases like sulphur oxide & carbon dioxide increases & affects industrialized & agricultural areas, where live thousands of animals that contribute to the balance of ecosystems, lake birds & insects that can be damaged by such gases.
◦Technology also damage the soil & air due to the waste from factories, industries and households are deposited by people in large lands away from civilization, this garbage contaminate soil,. Air and water bodies like seas & rivers.
◦ currently several buildings & roads are built in natural areas this cause soil desertification & extinction of some species.

Conclusion:-

Humans live in an aria of constant change and technological advances, technology is important in our lives so many activates that were performed by a human now are made by a machine or robot. Technological advances harm and benefit the ecosystems or an opportunity to care for and improve it. Because there is a relationship between

ecosystems and technology. We should learn to use technology in a rational way to prevent damage to the environment.

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