

ENVIRONMENT AND SUSTAINABLE ECONOMIC DEVELOPMENT



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MEANING OF ENVIRONMENT

- ENVIRONMENT REFERS TO THE SUM TOTAL OF EXTERNAL FORCES SURROUNDING US.
- IT INCLUDES ALL THE BIOTIC ELEMENTS AS WELL AS A BIOTIC ELEMENTS.

“ENVIRONMENT INCLUDES WATER, AIR AND LAND AND THE INTERRELATIONSHIP WHICH EXIST AMONG AND BETWEEN WATER, AIR ,LAND AND HUMAN BEING AND OTHER CREATURES PLANTS MICROORGANISMS AND PROPERTIES”

ENVIRONMENT (PROTECTION) ACT 1986



FUNCTIONS OF ENVIRONMENT

- SUPPLIES RESOURCES FOR PRODUCTION
- SUSTAINS LIFE
- ABSORBS WASTE
- PROVIDES AESTHETICS SERVICES



ENVIRONMENTAL DEGRADATION IN INDIA

ENVIRONMENTAL DEGRADATION REFERS TO THE DAMAGE TO THE QUANTITY AND QUALITY OF NATURAL RESOURCES IN THE COURSE OF PRODUCTION AND CONSUMPTION

- AIR POLLUTION
- WATER POLLUTION
- DEGRADATION OF LAND
- DEFORESTATION
- LOSS OF BIODIVERSITY
- NOISE POLLUTION



CAUSES OF ENVIRONMENTAL DEGRADATION

- RAPIDLY GROWING POPULATION
- POVERTY
- INDUSTRIAL POLLUTION
- AGRICULTURAL PRACTICES
- URBANISATION



MEASURES TO CONTROL ENVIRONMENTAL DEGRADATION

- PUBLIC AWARENESS
- CHECK ON POPULATION GROWTH
- CONTROL OVER VEHICULAR, INDUSTRIAL AND AGRICULTURAL POLLUTION
- MANAGEMENT OF SOLID WASTE
- RECYCLE OF WASTE
- ENCOURAGEMENT OF PUBLIC TRANSPORT
- REMOVAL OF POVERTY



GOVERNMENT MEASURES FOR ENVIRONMENT PROTECTION

- ENVIRONMENT (PROTECTION) ACT 1986
- POLLUTION CONTROL BOARDS
- THE FOREST (CONSERVATION) ACT 1980
- ENVIRONMENTAL EDUCATION AND AWARENESS
- ECOMARK



GLOBAL WARMING

- GLOBAL WARMING IS THE OBSERVED PROJECTED INCREASE IN THE AVERAGE TEMPERATURE OF EARTH'S ATMOSPHERE AND OCEANS DUE TO INCREASE IN GREENHOUSE GASES IN THE INDUSTRIAL REVOLUTION
- CAUSES OF GLOBAL WARMING
 1. GREENHOUSE EFFECT
 2. OZONE DEPLETION



EFFECTS OF GLOBAL WARMING

- MELTING OF ICE
- HURRICANE AND STORMS
- TROPICAL DISEASES
- EFFECT ON CROP PRODUCTION
- SEASON CYCLE
- EFFECT ON ANIMAL



SUSTAINABLE ECONOMIC DEVELOPMENT

- “SUSTAINABLE DEVELOPMENT IS A DEVELOPMENT, WHICH WILL ALLOW ALL FUTURE GENERATION TO HAVE AN AVERAGE QUALITY OF LIFE, AT LEAST AS HIGH , WHICH IS BEING ENJOYED BY THE CURRENT GENERATION”



FEATURES OF SUSTAINABLE DEVELOPMENT

- SUSTAINED RISE IN INCOME
- RATIONAL USE OF NATURAL RESOURCES
- WELFARE OF FUTURE GENERATION
- PROTECTION OF ENVIRONMENT



DIFFERENCE BETWEEN SUSTAINABLE DEVELOPMENT AND ECONOMIC DEVELOPMENT



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NECESSARY CONDITIONS FOR SUSTAINABLE DEVELOPMENT

- CHECK ON POPULATION GROWTH
- TECHNOLOGICAL PROGRESS
- USE OF RENEWABLE RESOURCES
- SUBSTITUTION OF NON-RENEWABLE RESOURCES WITH RENEWABLE RESOURCES
- CONTROL POLLUTION



STRATEGIES FOR SUSTAINABLE DEVELOPMENT

- USE OF NON CONVENTIONAL SOURCE OF ENERGY
- ESTABLISHMENT OF MINI HYDEL PLANTS
- USE OF GASES
- ADOPTION OF OLD PRACTICES
- USE OF BIO –COMPOST
- BIO -PEST CONTROL
- EQUITABLE DISTRIBUTION OF INCOME
- CHECK ON POPULATION GROWTH





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