Sapatgram College

Sub :- Environmental studies.

Class:- BA2nd and4th sem.

**Topic: Human Population growth and its impacts on environment .**

Argeng Narzary

Population growth is the increase in the number of people living in a particular area. Since population can grow exponentially, resource depletion can occur rapidly, leading to specific environmental concerns such as global warming, deforestation, decreasing, Biodiversity and human health. The following are the main impacts of human population on environment.

(1) Generation of waste: As the man-made waste is not transformed, it causes degradation and the capacity of environment to absorb more waste is reduced. Further,waste leads to air and water population.

(2) Threat to Biodiversity: Due to destructive activities of human being there has been loss of biodiversity leads to ecological imbalance.

(3) Strain on Forests: Establishment of new housing colonies, National highways and hydropower projects have led to ecological imbalance.

(4) Urbanization: Rapid growth of population has led to Urbanization which has adversely affected environment. Industrialization in the urban damages environment through industrial growth, emissions and wastes.

(5) Industrialization: The Industrialization such as fertilizers, iron and Steel, chemicals and refineries which lead to land, air and water pollution.

(6) Land degradation: Intensive farming and excessive use of fertilizers and pesticides have led to land degradation in the form of soil erosion, water logging and salination.

(7) Transport development: Environmental degradation is also due to transport development in the different parts of the world. The automobiles release huge quantities of poisonous gases such as carbon monoxide, nitrogen oxides and hydrocarbons. The development of ports and harbours have led to oil spills from ships adversely affecting fisheries, coral reefs, mangroves and landscapes.

(8) Climatic change: Urban people are still being exposed to unaccepted levels of toxic pollutants. Further, forests are still being degraded by acid deposition generated by faraway industries, and greenhouse gases continue to accumulate in the atmosphere.

(9) Productivity: Environmental degradation not only harms health but also reduces economic productivity. Dirty water, inadequate sanitation, air Pollution and land Degradation cause serious diseases on an enormous scale in developing countries like India.