

WILDLIFE AND FOREST CONSERVATION

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Class- 10 A

Roll no.- 31

FOREST DEGRADATION

HUMAN CAUSE

- Deforestation(excessive logging)
- Overgrazing
- Large scale mining
- Demand for fuel wood

NATURAL CAUSE

- Insect pests
- Storm Damage
- Natural fires
- Landslides
- Earthquakes ,Tsunami ,etc.



WAYS TO REDUCE FOREST DEGRADATION

This can be done by the following ways:-

- Applying integrated forest management
- Applying integrated pest management
- Reforestation
- Changing the politics
- Education to the uneducated people
- Reduction of Shifting Cultivation



TAKING FIRE PREVENTION TO THE NEXT LEVEL

DESTRUCTION OF WILDLIFE

• AIR POLLUTION –

• Due to use of automobiles emitting harmful gases polluting the air, increase in the dust and Carbon particles, many aerosols in the atmosphere by the factories. Due to this air pollution many birds became endangered and some extinct as they can't breathe in the polluted air.



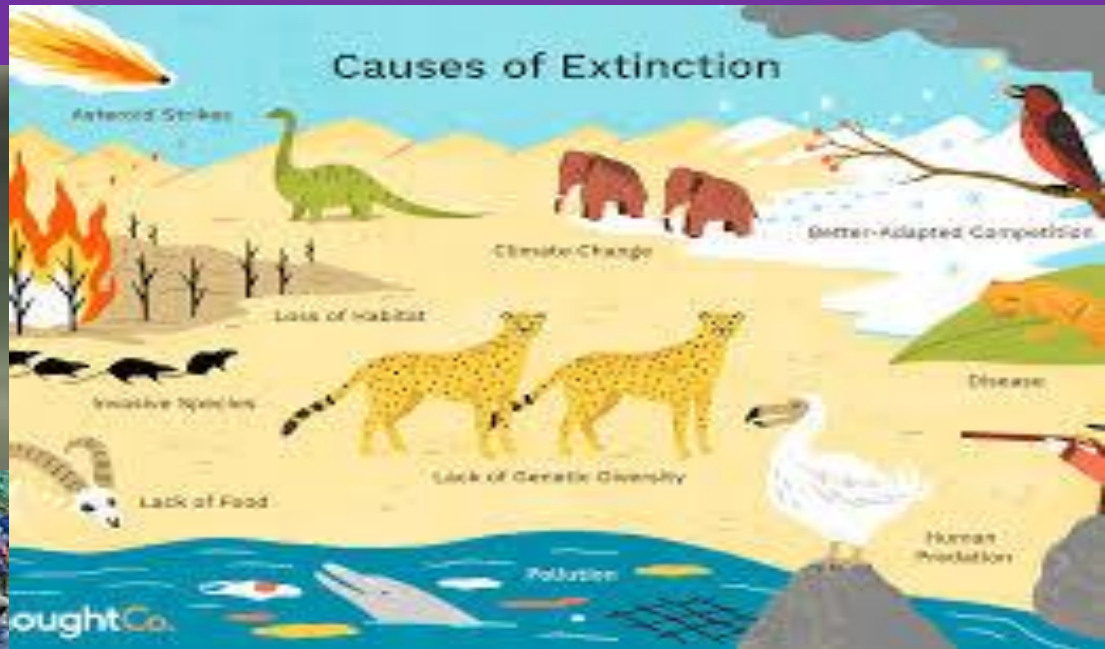
• WATER POLLUTION – Due to acid rain , excessive use of pesticides and insecticides in farming and sodium hypochlorite used in disinfection of COVID-19, dumping of plastic and organic wastes in river water or in lakes by factories destroys the water ecosystem.



• LIMITATION OF EXPANSION OF VEGETATION—

As there is depletion of forest, hence there is a shortage of food as the main food source for animals are plants. Due to depletion of forest, animals come out of the jungle in search of food hence becoming an easy way of poaching by the poachers or killing without reason.

Example- In, Malappuram district of kerala, a pregnant elephant was killed which came out from the silent valley in search of food and the villagers gave firecracker laden pineapple to the elephant which bursted in her mouth, moving toward the velliyar river for getting relief ,she died.



•POACHING AND CULLING-

Poaching is the main reason for the wildlife degradation, many wild animals are poached due to their ebonite horns or skins, e.g. tiger is poached for their skin, rhinos and elephant for their ebonite horns used in making artifacts and necklaces at high cost, Polar bears for their skin for getting warmth and many. In British rule and in ancient times, tigers and leopards were killed due to royalty. Amidst the lockdown the poaching went to 151% into massive killing. In 2019, over 38 tigers, 128 leopards and many animals are killed in India and in USA over 100 millions of animals per year are killed for poaching. Culling is the selective killing of wildlife.

Pangolins are considered to be the most poached animals in the world as meat.



Rhinos poached for their horns.

Tusks of elephants



TROUBLING NUMBERS

Rhinos killed between 2001 and 2016

- Kaziranga National Park: 161
- Orang National Park: 34
- Pobitora wildlife sanctuary: 15
- Manas National Park: 9
- Other parts of Assam: 20
- Total: 239



A rhino in Kaziranga National Park

• LOSS OF HABITAT:-

Habitat plays a significant role in retaining biodiversity. These natural habitats are ruined by the human activities like agriculture or farming, construction of new buildings, destruction of natural habitat, etc which results in bad effects in animal's habitat, food cycle, climate, and numerical growth of living beings. It is unwise to destroy the natural development const. and human activities. The habitat which has been destroyed should be restored.



• LOSS OF MOBILITY:-

The deterioration of the natural environment causes the loss of mobility of the expansion of agricultural land and urbanisation has limited space for the animals and birds for roaming freely.



WAYS TO REDUCE DESTRUCTION OF WILDLIFE

• Increase in construction of National parks,

Wildlife Reserves and sanctuaries.

The more number of National Parks and Sanctuaries should be established for preserving the natural habitats of wild animals and birds throughout the country.

• By making laws from government

Some of the laws should be made to ban the killing or capturing of endangered animals or birds. It should be made a punishable offense. Such laws should be enforced strictly and should not remain on paper only.



Govt role in conservation of wildlife

- Wildlife protection act 1972
- Project tiger 1972-73
- Forest protection act 1980-88
- Anti poaching agencies
- State wildlife dept
- State forest dept
- Ministry of environment and forest
- Army (IF APPLICABLE)
- Police
- Border security force
- Coast guards
- Wildlife conservation society

**WILDLIFE
CONSERVATION
SOCIETY**

**SAVE THE
RHINO**

STATE OF TIGER RESERVES
Every Tiger State must have:

- A Tiger Management Plan
- A Steering Committee headed by the CM
- Buffer Zones for every Tiger Reserve

•Education to uneducated people-

The Department of Government should conduct a periodic survey in all the places regarding the conservation of wildlife. The citizens should have the knowledge about the population of all the species of wild animals and birds, so that they can save them from being exploited.

•By giving donations when natural calamities occur-

By giving donations in the wildlife fund can help in protecting, improving infrastructure, and many others can be done.

•Restoring the habitat:

Habitat destruction is the main threat to 85 percent of all threatened and endangered species, according to the International Union for Conservation of Nature. You can help reduce this threat by planting native trees, restoring wetlands or cleaning up beaches in your area.



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ON WILDLIFE AND FOREST CONSERVATION
PROJECT

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THANK YOU