

For XAT , CMAT , MAT , IIFT Exam

CONSERVATION OF PLANTS AND ANIMALS

- Deforestation means clearing of forests and using that land for other purposes
- Deforestation increases the temperature and pollution level on the earth. It increases the level of carbon dioxide in the atmosphere. Ground water level also gets lowered
- Wildlife sanctuary, national park and biosphere reserve are names given to the areas meant for conservation and preservation of forest and wild animals
- Satpura National Park is the first Reserve Forest of India. The finest Indian teak is found in this forest
- Biodiversity refers to the variety of living organisms in a specific area.
- Plants and animals of a particular area are known as the flora and fauna of that area.
- **Endemic species** are those species of **plants and animals** which are **found** exclusively in a **particular area**. They are not naturally found anywhere else. A particular type of animal or plant may be endemic to a zone, a state or a country
- Migration is the phenomenon of movement of a species from its own habitat to some other habitat for a particular time period every year for a specific purpose like breeding
- Reforestation is the restocking of destroyed forests by planting new trees
- An **ecosystem** is made of all the plants, animals and microorganisms in an area along with non-living components such as climate, soil, river deltas etc.
- **Project Tiger** was launched by the government to protect the tigers in the country. **Launched in 1973**
- **Project Elephant** was launched in 1992 by the Ministry of Environment and Forests, Government of India
- **Chipko Movement** is primarily a forest conservation movement. The word 'Chipko' means 'to stick' or 'to hug'. Sunderlal Bahuguna was the founder of this movement. It was started in 1970s with the aim of protecting and conserving trees and preserving forest from being destroyed.

ENDANGERED SPECIES

- **Endangered species** are those which are facing the **danger of extinction**.
- It is reported that nearly 132 species of plants and animals are critically endangered in India. Snow leopard, Bengal tiger, Asiatic lion, Purple frog and Indian giant squirrel are some of the endangered animals in India.
- **Red Data Book** contains a record of **endangered species**. Red Data Book is maintained internationally by International Union for Conservation of Nature. India also maintains Red Data Book for plants and animals found in India

WILDLIFE SANCTUARY

- Areas where animals are protected from any disturbance to them and their habitat
- Wildlife Sanctuaries provide protection and suitable living conditions to wild animals.
- People living in wildlife sanctuaries are allowed to do certain activities such as grazing by their livestock, collecting medicinal plants, firewood, etc.
- Controlled interference like tourist activity is also allowed.

NATIONAL PARK

- Areas reserved for wild life where they can freely use the habitats and natural resources
- Human activities such as grazing, poaching, hunting, capturing of animals, collection of firewood, medicinal plants, etc. are not allowed

BIOSPHERE RESERVE

- Large areas of protected land for conservation of wild life, plant and animal resources and traditional life of the tribals living in the area
- The biosphere reserves help to maintain the biodiversity and culture of that area.