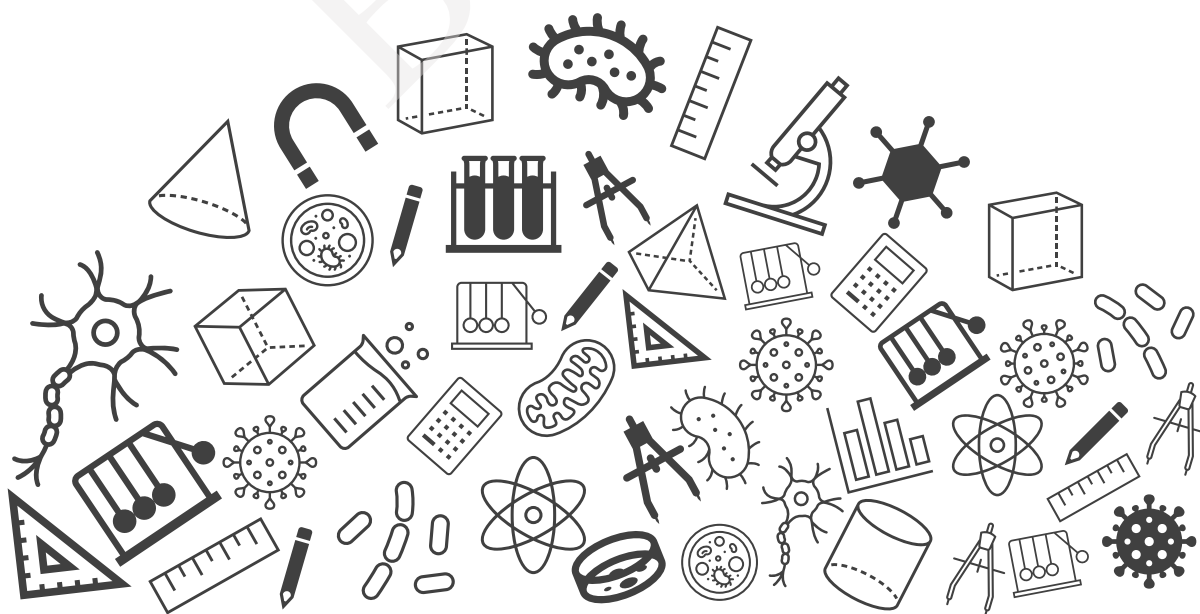




Grade 08

Chapter Notes



Conservation of Plants and Animals

Grade 8



Topics to be covered

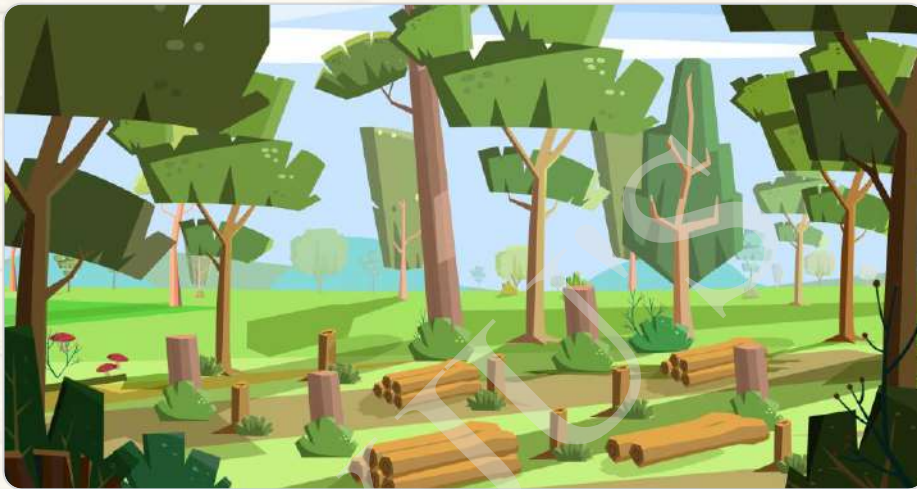


- 1 Deforestation
 - 1.1 Causes of deforestation
 - 1.2 Consequences of deforestation
- 2 Conservation of plants and animals
 - 2.1 Endangered species
 - 2.2 Extinct species
 - 2.3 Biosphere reserve
 - 2.4 Wildlife sanctuary
 - 2.5 National park
 - 2.6 Project Tiger
 - 2.7 Zoo
 - 2.8 Endemic species
- 3 Red Data Book
- 4 Migration

1. Deforestation

Definition

- Deforestation means clearing forests and using that land for other purposes.



Deforestation

1.1 Causes of deforestation



Drought



Forest fire



Agricultural field



Industrialisation



Hurricane

Natural causes of
deforestation



Urbanisation



Illegal logging

Man-made causes of
deforestation

1. Deforestation

1.2 Consequences of deforestation



Soil erosion



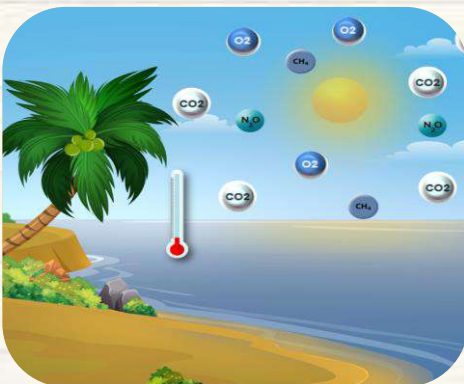
Decreased rainfall



Drought



Desertification



Global warming



Increase in sea level

2. Conservation of plants and animals

2.1 Endangered species

- Species of plants and animals that are on the verge of extinction are known as endangered species.
- Example: Tiger



2.2 Extinct species

- The species of plants and animals which are completely wiped out from the Earth are called extinct species.
- Example: Dinosaur



2. Conservation of plants and animals

2.3 Biosphere reserve

- Biosphere reserves are large areas of protected land for the conservation of wildlife resources and the traditional life of the tribals living in the area.



2.4 Wildlife sanctuary

- Wildlife sanctuaries are the protected areas where animals are protected from any disturbance to them and their habitat.



2. Conservation of plants and animals

2.5 National park

- National parks are areas reserved for wildlife where they can freely use their habitats and natural resources.
- Along with flora, fauna, and landscape it also protects the historic objects of the area.



2.6 Project Tiger

- Project Tiger was launched by the Government of India for the conservation of tiger.



2. Conservation of plants and animals

2.7 Zoo

- Zoo provides artificial habitat to animals and birds.
- It is created for visitors to watch animals and birds as a part of tourism.



2.8 Endemic species

- Species that are found exclusively in a particular area is known as endemic species.
- Flying squirrel is the endemic fauna and the Sal tree is the endemic flora of the Pachmarhi biosphere reserve.



Flying squirrel



Sal tree

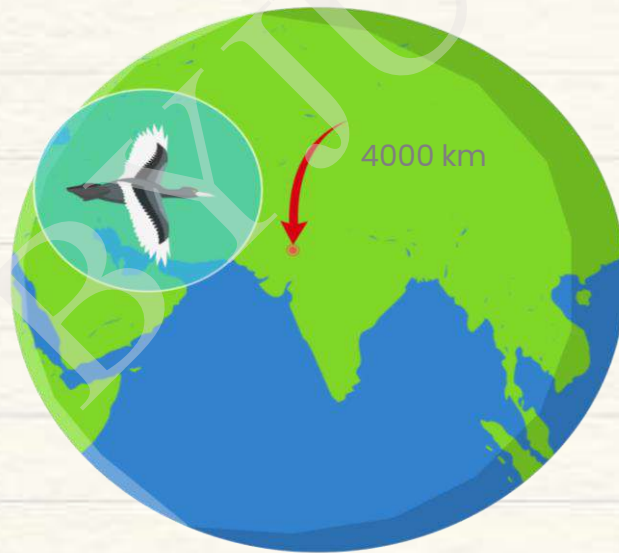
3. Red Data Book

- Red Data Book is a sourcebook that keeps a record of all the endangered plants and animals.
- It is maintained by IUCN- International Union for Conservation of Nature.



1. Migration

- Migratory birds fly to faraway areas every year during a particular time because of climatic changes.
- They fly to lay eggs as the weather in their natural habitat becomes cold and inhospitable.
- Birds who cover long distances to reach another land are known as migratory birds.



Mind Map

