

Natural Vegetation and Wildlife

1. In which type of forest the roots of the plants are merged under water?

Mangroove Forest.

2. Which famous animal is found in the tidal forest?

Royal Bengal Tiger

3. Write one use of Sarpangandha.

It is used ~~by~~ to treat blood pressure.

4. In which region the mangroove forests found?

Mangrove forests are found in the delta of the Ganga, the Mahanadi and the Krishna.

5. Can you list over the surge of animals survive in the extreme cold the Himalayan Harbours?

A hardly range of animals survive in extreme cold of Himalayan Harbours. The freezing high altitudes of Ladakh are home to yak, the shaggy horned wild or weighing around tones. The Tibetan plateau antelope, the pharal sheep, wild sheep are found.

6. Distinguish between reforestation and Afforestation.

Reforestation	Afforestation
→ It is used/practised in areas where forests have been destroyed.	→ New forests are planted in the new areas.
→ Two saplings are planted in replace every fallen tree.	→ One saplings is planted to get one tree.
→ It is practised to avoid the evils of shifting cultivation.	→ It is practised to bring more areas under forests.

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7) How do human beings influence the ecology of a region? Mention any three points.

Human beings are an integral part of ecosystem.

- They utilize the vegetation and wildlife.
- They create ecological imbalance like cutting of trees and killing of animals.
- They are also responsible for extinction of some species of plants and animals.

8. How far is it correct to say that Rann of Kutch is one of the extraordinary sights of India? Explain.

Some of the wetlands of India are popular migratory birds, such as Siberian crane come in large numbers.

One such place favourable with birds is the Rann of Kutch. At this place where

the desert merges with the sea, flamingos with their brilliant, pink plumage, come in thousands to build nest mounds from the salty mud and raise their young ones. Due to this reason, environmentalists consider this place an extraordinary sight in the country. It is also a rich natural heritage of our country.

9. What are the Biosphere reserves and what are their uses?

A protected area reserved for the conservation of species of flora and fauna in their natural habitat is called a biosphere reserves.

The uses of biosphere reserves are:

- ~~The~~ Endangered species of plants and animals are protected.
- These are rare animals and plants are transmitted in the future generations in all their natural grey.

The surrounding areas are reserved for research work for the betterment of flora and fauna.

10. 1. A Forest Type - Montane Forest
2. A Forest type - Tropical thorny forest
3. ~~Madumalai~~ a wildlife sanctuary - Madumalai

11. Can you assess the significance of forests to enhance the quality of environment? Justify the answer with suitable arguments.

⇒ Forest play a significant role to enhance the quality of environment as they are renewable resources.

⇒ Forest control soil erosion, modify local climate, regulate streamflow, support a variety of endorses provide livelihood for many communities.

⇒ Forest offer panaxenic view of recreation.

⇒ It controls temperature and causes rainfall.

⇒ It provides humus to soil and enhances fertility of soil.

⇒ Forests provide shelter to wildlife.

(2) → Describe the factors responsible for the distribution of plants and animals in India.

→ Land: Land is the nature of land influence the type of vegetation. The fertile land is generally devoted to agriculture. The undulating and rough terrain are the areas where grasslands and woodlands develop and give shelter to the wildlife.

→ Soil: Different types of soils provide basis of different vegetation. The sandy soils, the desert support cactus and thorny bushes white coat, marshy, deltaic soils support mangroves and deltaic vegetation.

The hill slopes with some depth of soil have conical trees.

→ Temperatures: The ~~forest~~ on the slopes of the Himalayas and the hills of peninsula above the height of 915 metres, the fall in temperature affects the types of vegetation and its growth and it changes from ~~tropical~~ ^{tropical} to sub-tropical, temperate and alpine vegetation.

Photoperiod: ~~Photoper~~ The variation in ~~of area~~ of duration of sunlight at different places is due to different in latitude, ~~altitude~~ altitude, season and duration of day.