

Exercises:

1. How can you say a forest is a habitat for people?

Ans: Forest is a habitat for people. 300 million people worldwide live in forests and 1.6 billion depend on them for their livelihoods. They protect our watersheds. They supply the oxygen we need to survive. They are an important source of timber, fuel wood, cane, resins, lac, oils, fruits, nuts, firewood, fodder for animals, honey etc. The forests also have wild varieties of the cultivable crops and medicinal plants.

2. What variations do we see in forest types?

Ans: 1) There are two types of forests.

They are a) Forest of hot and humid areas. (Equatorial forests)

b) Forest of cold areas (Alpine forests)

Equatorial forests - These forests have green trees of all types and the climate is hot and humid. We find different types of trees like teak, sal, neem, tamarind, amla, soap nuts etc.

Alpine forests - These forests have mostly ice and plants that grow in cold atmosphere. The climate in these forests is cold. These forests consists of alpine trees and thorny bushes.

3. How do we depend on forests?

Ans: Forests are an important source of timber, fuel wood, cane, resins, lac, oils, fruits, nuts, firewood, fodder for animals, honey etc. The forests also have wild varieties of the cultivable crops and medicinal plants.

4. How can you say forests are lungs of our earth?

Ans: Forests are lungs of our earth. Forests reduce air pollution by absorbing carbon dioxide during the process of photosynthesis. Plants take in carbon dioxide, one of the main pollutants and release the oxygen needed for the survival of the organisms.

5. List the things that we use in our daily life which are made from wood.

Ans: Lumber and plywood to build new homes, Doors, Window frames and sills, Dining room tables, Coffee tables, Beds, Bookcases,

Nightstands, Toothpicks, Match sticks, Chopsticks, Shutters, Baseball bats, Musical instruments, Drum Sticks, Tambourines, Wood blocks, Speaker cabinets and many more.

6. What is deforestation? How can it be stopped?

Ans: Decrease in forest areas across the world that are lost for uses like agricultural and mining activities. It can be stopped by planting trees, reforestation and by spreading awareness about the need for the conservation of forests among people.

7. This is not a forest product a. Soap nut b. Plywood c. Matchstick d. Kerosene

Ans: kerosene

8. If you want to develop social forestry in your village which type of plants would you like to grow. Why?

Ans: Social forestry refers to the management of forests for the benefit of local communities. As a part of it, I would like to develop or raise flowering plants, and shrubs to serve as recreation forests. Eucalyptus is also my choice because it can fulfill the increased demand for wood from local communities. I would like to involve women and young people in this as a part of the conservation of forests, wildlife, and the environment.

9. Collect the pictures of forest products and stick them in your scrapbook.



10. Write a note on livelihood of forest tribes of our state.

Ans: The tribes, who are known as forest dwellers are diligent, they depend directly on the natural produce for their survival, livelihood, occupation, and employment. They subsist on edible leaves and roots, honey, wild game, and fish. They build their homes with timber, bamboo, and practice cottage crafts with the help of local raw materials. They use herbs and medicinal plants to cure their diseases and even their religion and folk lore are woven around the spirits of the forest.

11. Collect some songs/stories/poems about the conservation of trees.

Ans: *Father,*

Tell me what

They have done to the forest

That has trees no longer.

In winter

We have no fire

Nor in summer

A place to rest.

Father

The forest is no longer a forest.

Father

Where there are no flowers

The bees do not make

Either wax or honey,

Father

The field is no longer a field.

Father

they are here now.

Monsters of meat

With worms of steel.

Father

They are killing the earth

Father

Stop crying

For we have declared war on ourselves.

12. We can see animals not only in the forests but also in the Zoo. Write some similarities and differences between the conditions in which animals are found in the zoo and the forest.

Ans: Zoo is a small place with limited animals and limited space. Animals are caged in zoos. Whereas in forests, animals can wander around and hunt his/her own prey, and forests are filled with dense greenery.

13. Charita said, "Forest is a good habitat" How can you support her?

Ans: Forest is a good habitat and they are biodiversity hot spots. Forests are home to a number of life forms. Forests supply the oxygen we need to survive. They are an important source of timber, fuelwood, cane, resins, lac, oils, fruits, nuts, firewood, fodder for animals, honey etc. The forests also have wild varieties of cultivable crops and medicinal plants.

14. How do we depend on forests?

- Forests produce mass amounts of oxygen. Oxygen is the main respiratory gas needed for the survival of animals and humans.
- Forests reduce air pollution by absorbing carbon dioxide during the process of photosynthesis.
- Forests prevent soil erosion and play an important role in the water cycle and ecological balance.
- They are an important source of timber, fuelwood, cane, resins, lac, oils, fruits, nuts, firewood, fodder for animals, honey etc.

15. Draw or collect pictures of forests. Discuss with your friends. Write about the fate of forests in your state and what steps would you take to conserve them.

Ans: The steps I would follow to conserve the forests are by following social forestry, afforestation, spreading the awareness among the people about the need for forests and the effects of deforestation.

16. Find out about state of forests in India and write a brief report on it.

Ans: A report of 2017 stated that the country is ranked 10th in the world, with 24.4 percent of land area under forest and tree cover,

even though it accounts for 2.4% of the world surface area and sustains the needs of 17% of human and 18% livestock population.

17. Plant a tree on your birthday or during any celebration in the family.

