

## NORTHEX PUBLIC SCHOOL ( RECOGNISED)

### WORKSHEET ANSWERS OF CLASS VII, CHAPTER-17 ( FOREST: OUR LIFELINE )

#### SESSION-2020-21

#### Answers with questions:-

Q1: What is meant by deforestation?

Ans- Large scale cutting of trees to clear land for human use is called deforestation.

Q2: Explain the reasons behind deforestation.

Ans- The causes of Deforestation are:

(i) Logging, Mining, Oil and gas extraction that is necessary for the daily life of human beings.

(ii) For Agricultural purposes to yield crops that are necessary as food for human beings.

(iii) Unexpected wild fires that eliminate forests without Human actions

(iv) Cutting down of large number of valuable trees for Money for Illegal People

Q3 List the various impacts of deforestation.

Ans- Impacts of deforestation are soil erosion, drought, flood, global warming, loss of biodiversity and habitats etc.

Q4: What is soil erosion? What are its cause and how it is prevented?

Ans- Soil erosion is the natural process in which the topsoil of a field is carried away by physical sources such as wind and water.

Causes- Rainfall and Flooding, overgrazing, logging and mining, fast moving water, heavy wind etc

Ways to Prevent Soil Erosion- Planting Vegetation as ground cover, Applying Mulches, Contour farming and terracing, Creation of windbreakers by planting evergreen trees around gardens or farmland, to prevent the wind blowing away the soil.

Q5: If there were fewer trees, how will the water cycle be affected?

Ans- Forests help in bringing good rainfall in neighbouring areas. Forest also act as natural absorber of rain water and allows it to seep, it help in maintaining the water table throughout the year.

Q6: Explain why there would be the chances of increase in carbon dioxide with the decrease in number of forests?

Ans- The forest plays an important role in maintaining the balance between oxygen and carbon dioxide in the atmosphere. As we know plants for their food nutrition requirement make use of process of photosynthesis, in which they consume Carbon Dioxide, released by the living organism from the environment. As a result of photosynthesis, plants release oxygen which is again consumed by living beings for respiration and this cycle goes on.

**Q7. True/False**

1. Forests protect the soil from erosion.
2. Plants and animals in a forest are not dependent on one another.
3. Forests influence the climate and water cycle.
- 4 Soil helps forests to grow and regenerate.

Ans:- 1- True, 2- False, 3- True, 4- True

**Q-8 Fill in the blanks:-**

1. \_\_\_\_\_ is a system comprising various plants, animals and micro-organisms.
- 2.In a forest, \_\_\_\_\_ forms the uppermost layer followed by shrubs.
- 3.Forests are the \_\_\_\_\_ for the forest dwelling communities.
4. \_\_\_\_\_ convert the dead plants and animals to humus.
5. Forest serve as \_\_\_\_\_ and water purifying system in nature.

Ans:- 1- Forest, 2- Trees, 3- home, 4- decomposers, 5- green lungs