

## Chemistry Worksheet Class 7 on Chapter 17 Forests: Our Lifeline - Set 1

**Q1.** The branchy part of a tree above the stem is called:-

- a.) canopy
- b.) hub
- c.) crown
- d.) shrub

**Q2.** Which of the following has a canopy?

- a.) Tall trees
- b.) Short tree
- c.) Creepers
- d.) Shrubs

**Q3.** Which of the following occurs due to deforestation?

- a.) Floods
- b.) Soil erosion
- c.) Landslides
- d.) All of the above

**Q4.** The micro-organisms which convert dead and decay matter.

- a.) herbivores
- b.) carnivores
- c.) decomposers
- d.) scavengers

**Q5.** Which of the following will be affected most in the absence of decomposers?

- a.) Animals
- b.) Plants
- c.) Insects
- d.) All of the above

**Q6.** Fill in the blanks:

- a.) Plants are \_\_\_ because they prepare their own food.
- b.) \_\_\_ is the process of planting trees in large numbers.

c.) \_\_\_\_ gas is consumed during photosynthesis.

**Q7.** State True or False.

- a.) Deforestation occurs due to overgrazing.
- b.) Van Mahotsava is the celebration of planting saplings on a large scale
- c.) Decomposers feed on dead animals.

**Q8.** Define scavengers.

**Q9.** How can you say that forests are valuable resources?

**Q10.** Explain how plants and animals help in maintaining the  $O_2 - CO_2$  cycle.

**Q11.** Differentiate between autotrophs and heterotrophs.

**Q12.** What is deforestation?

**Q13.** Is it possible to build a food chain without a producer?

**Q14.** How does deforestation cause soil erosion?

**Q15.** How can we help in preserving forests?

**Q16.** How do trees grow in the forest without being harmed by humans? Explain.

**Q17.** What is the importance of forests?

**Q18.** What happens when after a certain period of time the plants and animals die?

**Q19.** What would happen if forests disappeared?

**Q20.** List the major functions of a tree's crown in a forest.