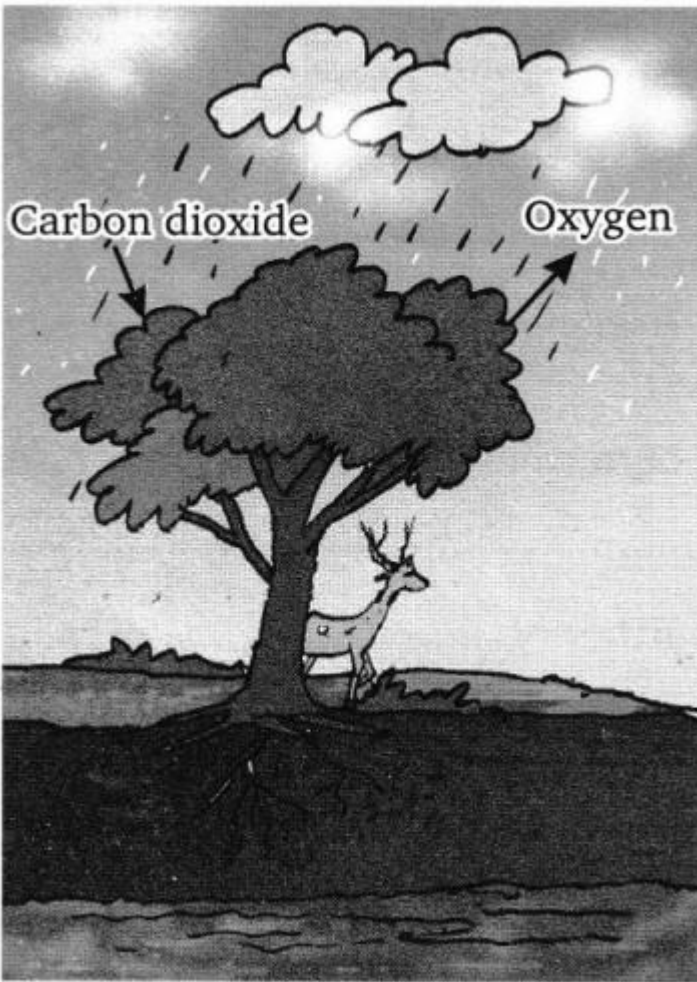


## **Grade 7 Forests: Our Lifeline Worksheets**

### **A. Answer the following questions in short:**

1. Explain how animals dwelling in the forest help it grow and regenerate?
2. Explain how forests prevent floods.
3. What are decomposers? Name any two of them. What do they do in the forest?
4. Explain the role of forest in maintaining the balance between oxygen and carbon dioxide in the atmosphere.
5. Explain why there is no waste in a forest.
6. List five products we get from forests.
7. Why should we worry about the conditions and issues related to forests far from us?
8. Explain why there is a need of variety of animals and plants in a forest.
9. In the given figure the artist has forgotten to put the labels and directions on the arrows. Mark the directions on the arrows and label the diagram using the following labels:  
clouds, rain, atmosphere, carbon dioxide, oxygen, plants, animals, soil, roots, water table.



10. In which layer of the soil would you find humus? What is its importance to the soil?
11. How is forest beneficial for the environment for man living there?
12. 'Forests are our lifeline'. Write five sentences on this topic.

**B. Fill in the blanks:**

1. The insects, butterflies, honeybees and birds help flowering plants in .....
2. A forest is a purifier of ..... and .....
3. Herbs form the ..... layer in the forest.
4. The decaying leaves and animal droppings in a forest enrich the .....
5. All green plants are called .....

**C. Tick (✓) the correct option:**

1. Which of the following is not a forest product?  
 (a) Gum  
 (b) plywood

- (c) Sealing wax
- (d) kerosene

2. Which of the following statements is not correct?

- (a) Forests protect the soil from erosion.
- (b) Plants and animals in a forest are not dependent on one another.
- (c) Forests influence the climate and water cycle.
- (d) Soil helps forests to grow and regenerate.

3. Micro-organisms act upon the dead plants to produce :

- (a) sand
- (b) mushrooms
- (c) humus
- (d) wood

4. Which of the following is not a plant product?

- (a) Rubber
- (b) paper
- (c) Silk
- (d) Timber

**D. State 'True' or 'False':**

1. Afforestation leads to soil erosion. ....
2. Forests protect the soil from erosion. ....
3. Plants and animals in a forest are not dependent on one another.  
.....
4. Forests influence the climate and water cycle. ....

**E. Match the following:**

'A'	'B'
1. Branchy part of a tree above the stem is known as	a. Humus
2. The micro-organisms which convert the dead plants and animals to humus are known as	b. Crown
3. Many food chains are found in forests that are interlinked to form	c. Decomposers
4. When plants and animals die, they form the food for the saprophytes referred to as	d. Food web

**F. The Department of Environment is to decide whether some portion of a forest in your area could be cleared for a housing complex. Write a letter to the department explaining your point of view as a concern citizen.**

**G. Solve the following crossword puzzle:**

Across (→) :

1. Fine smelling wood often called wood from heaven.
2. This is a popular medicinal plant.
3. This is a popular spice.

Down(↓) :

4. Perhaps sweetest forest product.
5. Rich source of vitamin C.
6. Flowers are used to make scented water.
7. This fabric keeps us cool in summer.

