



8. Why should we worry about the conditions and issues related to forests far from us?

Answer: We should be worried about deforestation as it would lead to floods, increase in earth's temperature, decreasing animals habitats and soil erosion. Damage to forests directly or indirectly affects human habitat and environment so it must be a matter of concern among us.

9. Explain why there is a need of variety of animals and plants in a forest.

Answer: All plants and animals sustain the forest life and also CO_2 - O_2 cycle goes on due to animals and plants. Animals convert the dead and decaying matters into humus and increase the fertility of soil, thus enhancing plant growth. All food chains and food webs need variety of plants and animals.

10. In fig. 1 7.15 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.

Answer: There are three types of arrow. White carbon dioxide, black of rain and reddish of oxygen.

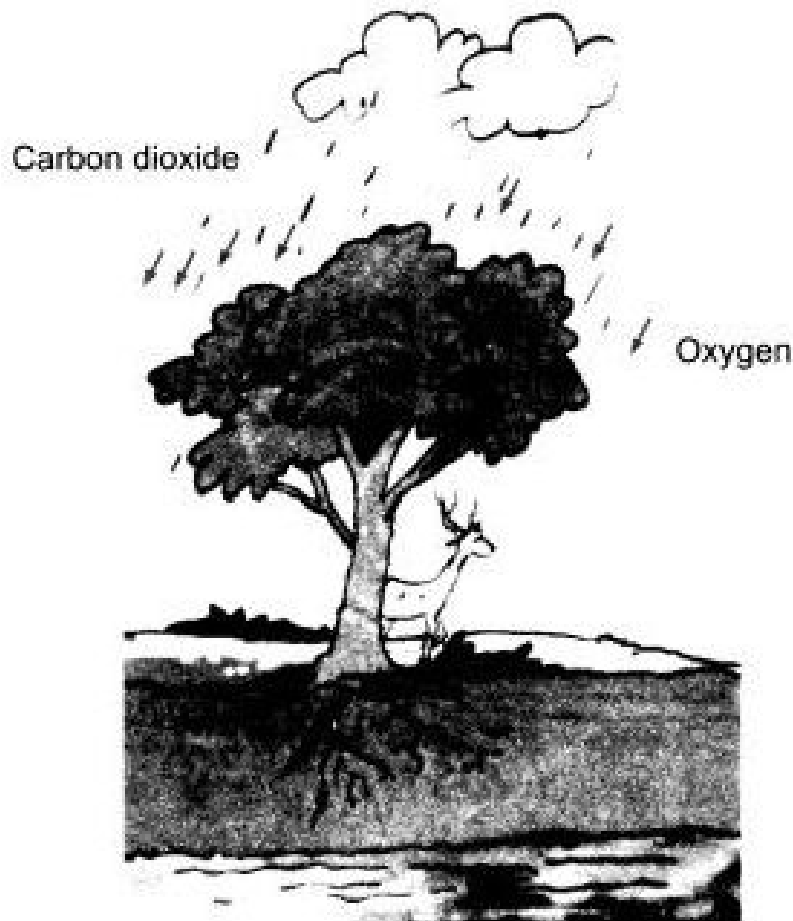


Fig. 17.3

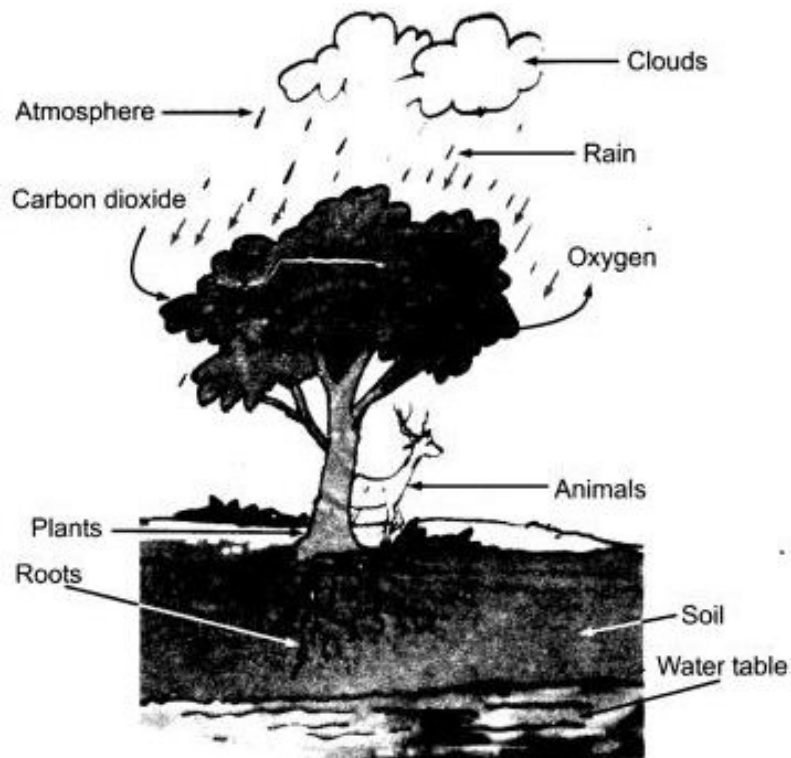


Fig. 17.4

11. Which of the following is not a forest product?

- (i) Gum
- (ii) Plywood
- (iii) Sealing wax
- (iv) Kerosene

Answer: (iv) Kerosene

12. Which of the following statements is not correct?

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

Answer: (ii) Plants and animals in a forest are not dependent on one another.

13. Micro-organisms act upon the dead plants to produce

- (i) sand
- (ii) mushrooms
- (iii) humus
- (iv) wood

Answer: (i) Humus

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