



1. Explain how animals dwelling in the forest help it grow and regenerate.

Answer: Animals help in growing and regenerating forests in many ways. Animals work as the cleaning agents in the forest. Microorganisms work on dead bodies of plants and animals and degenerate them. Animals also help in pollination which helps in growing a number of plants. Herbivores help the carnivores to grow as they serve as food for them. Thus flora and fauna mutually grow in the forest.

2. Explain how forests prevent floods.

Answer: Forests can absorb a lot of water. The roots of the trees absorb the water and prevent it from flowing away. Roots of trees also help in percolation of water into the soil. This helps in preventing floods.

3. What are decomposers? Name any two of them. What do they do in the forest?

Answer: Decomposers are the organisms which feed on the dead bodies of plants and animals. They clean the forests decaying dead bodies and replenishing the nutrients back to the forest soil, e.g., beetles and grubs.

4. Explain the role of forest in maintaining the balance between oxygen and carbon dioxide in the atmosphere.

Answer: Plants release oxygen in the atmosphere during the process of photosynthesis. This oxygen is inhaled by the animals for respiration. During respiration, they release carbon-dioxide which is absorbed by plants. In this way the oxygen and carbon dioxide cycle goes on. Since forests contain a large number of plants, they help much in this cycle and maintain balance in nature.

5. Explain why there is no waste in a forest.

Answer: There is no waste in the forest because decomposers convert all the dead bodies of the plants and animals into the humus which gets added to the soil. Thus, no waste remains.

6. List five products we get from forests.

Answer: (i) We get medicines from forests.

(ii) We get gum from forests.

(iii) We get wood which is used for many purposes like making furniture, paper etc.

(iv) We get food for animals from forests.

(v) We get sealing wax from forests.

7. Fill in the blank:

(a) The insects, butterflies, honeybees and birds help flowering plants in -----.

(b) A forest is a purifier of and .

(c) Herbs form the layer in the forest.

(d) The decaying leaves and animal droppings in a forest enrich the -----.

Answer: (a) pollination (b) water, air (c) lowest (d) soil as humus.

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