

Short Answer Questions

Q.1. Two friends shared their experiences of their vacation trip to two different forests. Do you think they would have seen the same type of plants and animals during their respective trips? Give reason.

[NCERT Exemplar]

Ans. No, they would not have seen the same type of plants and animals. This is so because climatic conditions in the two forests would vary leading to variations in the types of plants and animals.

Q.2. Deforestation may lead to floods. Why?

[NCERT Exemplar]

Ans. Lesser number of trees will be available due to deforestation. In this condition of absence of trees the soil will not hold water leading to floods.

Q.3. List some consequences of deforestation.

Ans.

- a. Loss of plants which provide herbs, medicines, fruits, etc.
- b. Global warming
- c. Destruction of ecosystem
- d. Soil erosion

Q.4. How do forests help to maintain the water table?

Ans. Through transpiration from the leaf surfaces of trees in forests, the water vapour reaches the atmosphere resulting in rainfall which maintains the water table.

Q.5. How can forests be conserved?

Ans.

- a. By not allowing overgrazing.
- b. Wildlife should be protected.
- c. Afforestation should be undertaken.
- d. Forest fires should be controlled.

Q.6. What is the 'economic significance' of forests?

Ans. Forests produce a number of economically important products like timber, bamboo, cane, oils, resins, etc. Forest animals provide honey, ivory, lac, etc.

Q.7. How do fallen leaves help the soil in for

Ans. Tiny insects and ants feed on the fallen leaves and convert them into dark-coloured humus which makes the soil fertile.