

Short Answer Questions

Q. 1. Why are wildlife sanctuaries important for conservation of plants and animals?

[NCERT Exemplar]

Ans. Wildlife sanctuaries are protected areas where human activities like plantation, cultivation, grazing, falling of trees, hunting and poaching are prohibited completely.

Q. 2. Why are endemic organisms in greater danger of becoming extinct?

[NCERT Exemplar]

Ans. Endemic organisms are confined to a limited geographical area. They cannot adapt or live outside their natural habitat. Any disturbance to their habitat will adversely affect them.

Q. 3. Does soil erosion affect the fertility of soil? How? [NCERT Exemplar]

Ans. Yes, soil erosion removes the fertile top layer of the soil thereby, exposing the hard rocky lower layers which are less fertile.

Q. 4. Is deforestation associated with global warming? Explain. [NCERT Exemplar]

Ans. Yes. Plants absorb carbon dioxide from the atmosphere for photosynthesis. Deforestation results in decreased number of trees leading to accumulation of carbon dioxide in the atmosphere. Carbon dioxide in the atmosphere traps heat rays reflected by the earth which results in global warming.

Q. 5. How does deforestation lead to frequent floods and droughts? [NCERT Exemplar]

Ans. Deforestation results in decreased water holding capacity of soil. This reduces the infiltration of water into the ground which causes floods. On the other hand, deforestation leads to higher level of carbon dioxide in the atmosphere which causes global warming. Scarcity of trees disturbs the water cycle and may reduce rainfall leading to droughts.