

Chapter - 2

Forest and Wildlife Resources

(Assertion and Reason Questions)

In the following questions, a statement of assertion is followed by a statement of reason. Mark the correct choice as :

- (a)** If Both assertion and reason are true and reason is the correct explanation of assertion.
- (b)** If Both assertion and reason are true but reason is not the correct explanation of assertion.
- (c)** If Assertion is true but reason is false.
- (d)** If Both assertion and reason are false.

Q.1. Assertion (A) : Forests plays a key role in the ecological system.

Reason (R) : Forest are the primary producers on which all other living beings depend.

Q.2. Assertion (A) : Neglect of our environment has led to the destruction and extinction of many species of animals and plant life.

Reason (R) : Decreasing Forest cover area is a major reason of destruction of species.

Q.3. Assertion (A) : Depletion of forests causes a lot of danger.

Reason (R) : Forests are vital for the quality of life and environment.

Q.4. Assertion (A) : Large-scale development projects have also contributed significantly to the loss of forests.

Reason (R) : Large scale development projects doesn't inundate hectares of forest.

Q.5. Assertion (A) : Himalayan Yew is a medicinal plant

Reason (R) : It has healing qualities.

Q.6. Assertion (A) : We need to conserve our forests and wildlife.

Reason (R) : Rapid decline in wildlife population and forestry has been observed.

Q.7. Assertion (A) : Tiger population is not on the verge of extinction.

Reason (R) : Tiger population in forests is increasing rapidly day by day.

Q.8. Assertion (A) : Destruction of forests and wildlife resulted into the loss of cultural diversity.

Reason (R) : The conservation of forests and wildlife is essential to provide a better quality of life.

Q.9. Assertion (A) : The tree is a peculiar organism of unlimited kindness.

Reason (R) : Trees are living organisms which makes no demands for its sustenance, and extends generously the products of its life activity.

-X-X-X-

ANSWER KEY

Q.1 : (a) The plants, animals and micro-organisms re-create the quality of the air we breathe, the water we drink and the soil that produces our food without which we cannot survive. Thus, we are very much dependent on this system for our own existence.

Q.2 : (a) Vanishing forests are the major reason for the extinction of species of animals and plant life. Thus, neglecting our environment has led to dire consequences.

Q.3 : (a) Depletion of forests causes a lot of danger. Water scarcity, drought and deforestation induced floods are some of the dangers. Thus, forests are vital for the quality of life and environment.

Q.4 : (c) Clearing of forests is still continuing with projects like the Narmada Sagar Project in Madhya Pradesh which would inundate large areas of forests. Thus, contributing significantly to the loss of forests.

Q.5 : (a) A chemical compound called 'taxol' is extracted from the bark, needles, twigs and roots of this tree, and it has been successfully used to treat some cancers.

Q.6 : (a) Conservation preserves the ecological diversity and our life support systems and also preserves the genetic diversity of plants and animals for better growth of species and breeding. Thus, there is a dire need for conservation our forests and wildlife.

Q.7 : (d) Tiger population is on the verge of extinction and the major threats to tiger population are numerous, such as poaching for trade, shrinking habitat, depletion of prey base species, growing human population.

Q.8 : (b) The destruction of forests and wildlife has affected the livelihood of many communities who are dependent on forests. Thus, resulting in loss of cultural diversity and severe droughts and floods. However the Season does not explain the assertion.

Q.9 : (a) It affords protection to all beings, offering shade even to the axe men who destroy it. Therefore, the tree is an organism of unlimited kindness that extends generosity to humanity.