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# EXERCISES

# Que 1. Multiple choice questions.

(i) Which of these statements is not a valid reason for the depletion of flora and fauna?

(a) Agricultural expansion.

(b) Large scale developmental projects.

(c) Grazing and fuel wood collection.

(d) Rapid industrialisation and urbanisation.

Ans:- (c) Grazing and fuel wood collection.

(ii) Which of the following conservation strategies do not directly involve community participation?

(a) Joint forest management

(b) Beej Bachao Andolan

(c) Chipko Movement

(d) Demarcation of Wildlife sanctuaries

Ans:- (d) Delimitation of Wildlife Sanctuaries

# Que 2. Match the following animals with their category of existence.

Animals/Plants	Category of existence
Black buck	Extinct
Asiatic elephant	Rare SSSS
Andaman wild pig	Endangered
Himalayan brown bear	Vulnerable
Pink head duck	Endemic

#### Ans:-

Animals/Plants	Category of existence
Black buck	Endangered
Asiatic elephant	Vulnerable
Andaman wild pig	Endemic
Himalayan brown bear	Rare
Pink head duck	Extinct

# Que 3 . Match the following.

Reserved	<ul> <li>other forests and wastelands belonging to both government and</li></ul>
forests	private individuals and communities
Protected	<ul> <li>forests are regarded as most valuable as far as the conservation of</li></ul>
forests	forest and wildlife resources
Unclassed forests	<ul> <li>forest lands are protected from any further depletion</li> </ul>

<ul> <li>forests are regarded as most valuable as far as the conservation of forest and wildlife resources</li> </ul>
<ul> <li>forest lands are protected from any further depletion</li> </ul>
<ul> <li>other forests and wastelands belonging to both government and private individuals and communities.</li> </ul>

# Que 4 . Answer the following questions in about 30 words.

#### (i) What is biodiversity? Why is biodiversity important for human lives?

**Ans**: -Biodiversity is the variation of life forms within a given ecosystem, biome or the entire Earth. From micro bacteria to banyan tree, elephant and whale, there are millions of types of organisms living on the earth, it is called biodiversity. Biodiversity is important for human life in the following ways:

- 1. Human beings are dependent on other organisms for their existence, such as on cereal plants.
- 2. Biodiversity is also necessary for the balance of the environment.
- 3. Biodiversity provides medicine, food, etc. to human beings.

### (ii) How have human activities affected the depletion of flora and fauna? Explain.

**Ans**:- Human activities are the main reason for the decline of natural plant species and animal species.

- 1. The expansion of agriculture has been an important factor in the shrinking of forests.
- 2. Forests and wildlife were harmed for food, fuel, fodder, rubber, medicines, etc.
- 3. Mining activities have also contributed a lot to the destruction of forests.
- 4. Forest areas also have to be cleared due to major development projects.
- 5. Most of the loss of forests was caused by the laying of railway lines during the colonial period.

# Que 5. Answer the following questions in about 120 words.

# (i) Describe how communities have conserved and protected forests and wildlife in India?

**Ans**:- Various communities in India have contributed to the conservation of forests and wildlife in the following way-

- 1. Some local communities are involved in the conservation of wild species in collaboration with government officials.
- 2. In the Sariska Tiger Reserve, the people of the villages of Rajasthan are engaged in shutting down the mining operations.
- 3. Five villages of Rajasthan's Alwar district together declared 1200 hectares of land as 'Bhairondev Dakav Sanctuary', where hunting has been prohibited by making strict laws and infiltration of outsiders has been banned.
- 4. Started 'Beej Bachao Andolan' by the farmers of Tehri.
- 5. Tried to stop the uncontrolled felling of trees by Chipko movement in the Himalayan region.
- 6. In Orissa, institutions were formed at the village level for joint forest management.

#### (ii) Write a note on good practices towards conserving forest and wildlife.

Ans:- The customs associated with forest and wildlife conservation in India are as follows

- 1. Nature worship is centuries old tribal belief
- He always protects the clump of sacred trees.
- 3. The Munda and Santhal tribes in the Chotanagpur region worship Mahua and Kadamba trees.
- 4. The tribes of Orissa and Bihar worship tamarind and mango trees at the time of marriage.
- 5. In the society, springs, hill peaks, trees and animals are considered sacred and they are protected.
- 6. Herds of blackbuck, chinkara, nilgai and peacock are seen around Bishnoi villages of Rajasthan, which are an integral part of their society.