

# CHAPTER- 7-CONSERVATION OF PLANTS AND ANIMALS

Home Assignment : Class 8<sup>th</sup> : Subject- Science

## GSSS Machhike and Bilaspur (MOGA)

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**Question 1. Fill in the blanks.**

- (a) A place where animals are protected in their natural habitats is called wildlife sanctuary.
- (b) Species found only in a particular area is known as Endemic Species.
- (c) Migratory birds fly to faraway places because of climate changes.

**Question 2. Differentiate between the following.**

- (a) Wildlife sanctuary and biosphere reserve
- (b) Zoo and wildlife sanctuary
- (c) Endangered and extinct species
- (d) Flora and fauna

ANSWERS-(a)

Wildlife Sanctuary	Biosphere Reserves
(i) This is an area where wild animals are protected and preserved.	(i) It help to maintain the biodiversity and culture of the area.
(ii) It is place found in Biosphere reserves.	(ii) A biosphere reserve may also contain other protected areas.

(b)

Zoo	wildlife sanctuary
Zoos are the places where some animals are protected in artificial habitats for public view.	Wildlife sanctuaries are used to protect and conserve wildlife in their natural habitats.

(c)

Endangered Species	Extinct Species
(i) These are those species which are facing the danger of extinction.	(i) They are the species which have already vanished from earth.
(ii) Tiger is an example of an endangered species.	(ii) Dinosaurs is an example of extinct species.

(d)

Flora	Fauna
(i) Flora are the plants found in a particular region.	(i) Fauna are the animals found in a particular region.
(ii) Sal, mango, jamun etc. are the example of flora.	(ii) Chinkara, blue-bell, deer, cheetah etc. are examples of fauna.

**Question 3 Discuss the effects of deforestation on the following.**

- (a) Wild animals
- (b) Environment
- (c) Villages (rural areas)
- (d) Cities
- (e) Earth
- (f) The next generation

ANSWERS- (a) **Wild animals:** Deforestation destroys the habitats of many wild animals. They are left to die without their natural shelter.

(b) **Environment:** Deforestation affect the environment adversely due to disturbance of ecological balance. The amount of carbon dioxide is increased in the atmosphere and causes global warming.

(c) **Villages (Rural areas):** The villagers depend on forests. They are closely related to forests. Due to deforestation various wild animals run to nearby villages and cause danger to them. Villagers will not get fruits, fuel, wood due to deforestation.

(d) **Cities (Urban areas):** Deforestation does not affect the life of cities directly badly but changes in climate affect cities.

Calamities like flood and droughts do not spare cities.

(e) **Earth:** Deforestation affects the earth. The fertile land of earth is converted into deserts and its temperature rises. It changes its climate and environment.

(f) **The next generation:** Many beautiful fauna and flora are destroyed due to deforestation. So, next generation will not be able to see them. They will not get clean and cool environment. They will not have clean and healthy environment.

**Question 4. What will happen if.**

- (a) We go on cutting trees.

ANSWER- (a) If we go on cutting trees then:

- (i) Ecological balance is disturbed.
- (ii) Earth will lose top fertile layer and will be converted into desert.
- (iii) Floods and droughts will become more frequent.
- (iv) Many animals lost their shelters.
- (v) There will be a scarcity of things like fruits, paper which we get from forests.

**(b) The habitat of an animal is disturbed**

ANSWER- Animals become unprotected and unconserved when the habitat of animal is disturbed. It becomes endangered.

**(c) The top layer of soil is exposed.**

ANSWER- Top layers of soil are fertile. If they are exposed, they lose their fertility and humus. It causes desertification.

**Question 5. Answer in brief.**

**(a) Why should we conserve biodiversity?**

ANSWER- we need to conserve biodiversity to maintain the balance of nature

**(b) Protected forests are also not completely safe for wild animals. Why?**

ANSWER- because the poaching takes place at large scale in these areas. The poachers kill wild animals in those protected areas.

**(c) Some tribals depend on jungle. How?**

ANSWER- Some tribals depend on jungle for their food, cloths, shelter and other requirements.

**(d) What are the causes and consequences of deforestation?**

ANSWER- Deforestation is caused due to urbanisation and industrialisation.

Deforestation is responsible for desertification and natural calamities. Many species of plants and animals are destroyed due to deforestation.

**(e) What is Red Data Book?**

ANSWER- Red Data Book is the record book and source book of all the endangered animals and plants.

**(f) What do you understand by the term migration?**

ANSWER- Periodical movement of a species of birds from their native place to other places due to changes in climate is called migration. The purpose of migration is for breeding and to enjoy long summer days.

**Question 6- In order to meet the ever-increasing demand in factories and for shelter, trees are being continually cut. Is it justified to cut trees for such projects?**

ANSWER- The continuously cutting of trees is not justified for any project. We not only cut the trees, we snatch away the shelters of many animals, birds and other organisms. The ecological balance is also disturbed. It also causes many natural calamities.

**Question 7. How can you contribute to the maintenance of green wealth of your locality? Make a list of actions to be taken by you.**

ANSWER- (i) We can grow more and more plants in our locality.

(ii) We can protect them and provide water to them.

(iii) All the residents should be taught about the benefits of trees.

(iv) They should also be taught about the harms of cutting trees.

**Question 8. Explain how deforestation leads to reduce rainfall.**

ANSWER- Plants are the main agent to maintain the **water cycle in the environment**. So cutting of trees reduces the rainfall of that area. If plants will not absorb water from soil they will not evaporate in the environment to form clouds. If clouds will not be formed then no rain-fall takes place. In this way deforestation reduces rainfall.

**Question 9. Why should paper be saved? Prepare a list of ways by which you can save paper.**

ANSWER- The wood pulps and the bark of trees are used in the manufacturing of paper. If paper is not saved it causes cutting more and more trees. So we should save paper to protect our trees.

Ways to Save Paper.

(i) Paper should be recycled.

(ii) We should not throw paper here and there.

(iii) Waste paper should be collected and sent for recycling.

**Question 10- Complete the word puzzle**

**Down**

**1. Species on the verge of extinction.**

**2. A book carrying information about endangered species.**

**5. Consequence of deforestation.**

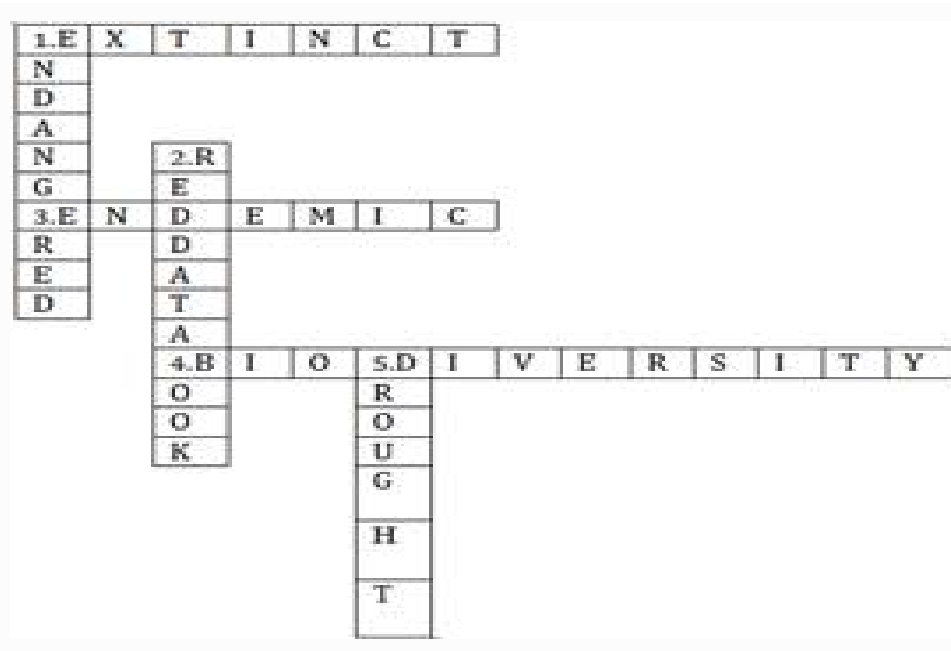
**Across**

**1. Species which have vanished.**

**3. Species found only in a particular habitat.**

**4. Variety of plants, animals and microorganisms found in an area.**

ANSWER-



## ONE MARK MCQs

1-Anchal and Suman visited to Hari ke pattan Lake along with their teacher and there they saw crane like birds. Anchal asked her teacher about birds. What would the teacher have told about birds to them?

- a) Endemic birds (Local/Nature species)      (b) Migratory birds (✓)  
 (c) Endangered birds      (d) None of the above

2-Naveen visited Science city with his parents. There he saw skeleton of a tiger. He asked his father about its speices? His father told that

- a) Endangered species (✓)      (b) Extinct species      (c) Endemic species      (d) None of the above

3-Umesh visited Dharamshala last week. There he saw Trees of deodar and pine. There he saw some organisms which are found only in that area. Such Species are called as .....

- a) Endangered of species      (b) Extinct species      (c) Endemic species (✓)      (d) None of the above

4-Rajinder went to Delhi in the June vacation to visit Zoo. In Zoo he saw national animal tiger. His teacher told him that tiger is an Endangered species. Rajinder asked his teacher about the book where record of such endangered specie is kept. What would his teacher have told him?

- a) In Science book      (b) In History book      (c) In Red data book (✓)      (d) None of the above

5-While visited Satpura National park Sukhvinder saw a board on which "Satpura Tiger Reserve" was written. He asked his teacher about its main purpose. What would teacher have told him?

- a) To save existence of elephants.      (b) To save existence of tigers. (✓)  
 (c) To save existence of wild buffalos.      (d) To save existence of swamp deer.

**6-Neeraj and Bharat want to visit the Panchmarhi Biosphere Reserve. Which state should they go to?**

- a) Rajasthan                      (b) Uttar Pradesh                      (c) Himachal Pradesh                      (d) Madhya Pradesh (✓)

**7-Aman was going to his uncle's home through a forest. He saw that some persons were cutting trees. He suggested them not to cut the trees so that**

- a) To prevent Soil Erosion                      (b) To save living places of organisms  
(c) To maintain balance of oxygen                      (d) All of the above (✓)

**8-Sanctuary is a place where \_**

- a) Wild animals are protected (✓)                      b) Plants are protected  
c) Office of forest department                      d) A Tribal Village is protected

**9-Migratory birds fly to faraway places because of changes:**

- a) Physical                      b) Natural                      c) Climatic (✓)                      d) Chemical

**10-Jagjeet was going to Hoshiarpur with his father. He read a board about saving forest and wildlife. He asked his father why forest and wildlife should be conserved**

- a) Due to this earth's temperature is not increased  
b) Ecological balance is not disturbed  
c) Due to this level of carbon dioxide is not increased in earth's atmosphere  
d) All of the above (✓)

**11-what do you mean by biodiversity?**

- a) Which includes large number of plants  
b) which includes large number of animals  
c) Where variety of plants, animals and other organisms lived in a particular habitat by co-ordinating with themselves and with the environment (✓)  
d) None of these

**12-A science teacher told the importance of recycling of paper in morning assembly .What are the benefits of recycling of paper?**

- a) By this we decrease deforestation                      b) By this we conserve water and energy  
c) By this we can reuse the used paper                      d) all of the above (✓)

**13-Write the reason and effects of deforestation.**

- a) Due to this quality of soil will be changed (✓)  
b) Due to this large space available for wild animals to go here and there  
c) Due to this we will easily see the wild animals to go here and there  
d) None of these

**14-Write the differences between zoo and wild life sanctuaries.**

- a) Protection for animals is available in ZOO but not in sanctuary.
- b) In ZOO animals live in a natural environment but in Sanctuaries animals live in an artificial environment.
- c) In Sanctuary animals live in a natural environment but in ZOO animals live in an artificial environment. (✓)
- d) All of the above

**15-What is included in an ecosystem.**

- a) Black deer and white eyed deer
- b) Golden cat and Duck with pink head
- c) Python and rhinoceros
- d) All of the above (✓)

**16-what includes in ecosystem?**

- a) It includes all plants and animals
- b) It includes all micro-organisms
- c) It includes all non-living things like environment, soil, river and deltas etc. (✓)
- d) All of the above

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