



# BIOLOGY

## BOOKS - BETOPPERS

### CONSERVATION PLANTS AND ANIMALS

#### Worksheet 1

1. Assertion (A): Species breed freely among themselves to give rise to progeny (children)

similar to parents.

Reason (R): Species is a group of individuals (organisms) having structural and functional similarity.

A. A is correct and R is the correct explanation of A.

B. A is correct and R is not the correct explanation of

C. A is correct and R is wrong

D. A is wrong and R is correct.

**Answer: A**



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2. Statement -I: Human beings are scientifically named as *Homo domesticus*.

Statement II: All cats are *Felis* (genus) with thick fur, pointed teeth and sharp claws but they cannot interbreed.

A. Statement - I is true, Statement - II is false.

B. Statement - I is false, Statement - II is true.

C. Both statements are true.

D. Both statements are false.

**Answer: B**



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**3. Match the following:**

A Domestic cat  
B Tiger  
C Leopard  
D Lion

P *Felis leo*  
Q *Felis leopardus*  
R *Felis tigris*  
S *Felis domesticus*



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4. Match the following:

- A Banyan tree
- B Peepal tree
- C Fig tree
- D Rubber tree

- P *Ficus religiosa*
- Q *Ficus benghalensis*
- R *Ficus elastic*
- S *Ficus glumeratus*



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5. What is the estimated number of species present on the earth?



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**6.** What is the approximate number of species which have been identified and listed till now?



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**7.** What constitutes flora of a place



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**8.** Spot the errors in the given statements and correct them.

Animal population of a place or the variety of species of plants living in their natural half (surroundings) are termed as the flora of the place



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**9.** Spot the errors in the given statements and correct them.

Similarly, plant population of a place variety of the animal living in their natural habitat (surroundings) are termed as the fauna place.



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**10.** Fill in the following blanks.

\_\_\_\_\_ is a linked system of organisms, and each organism is important for the next to maintain the continuity of life.



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**11.** Fill in the following blanks.

\_\_\_\_\_ are the good abode for WILDLIFE.



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## 12. Say True or False

Man has been able to identify and enlist nearly 2 million species of organisms out of nearly 10 million estimated to be existing upon the earth.



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## 13. Say True or False

Forest is the place where both, plants and

animals add to the biodiversity.



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## Worksheet 2

1. Statement - T: This biological evolution and biological extinction is a natural phenomenon.

Statement-II: Storms and cyclones are the atmospheric disasters caused by strong winds.

A. Statement - I is true, Statement - II is false.

B. Statement - I is false, Statement - II is true.

C. Both statements are true.

D. Both statements are false.

**Answer:**



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**2.** Spot the errors in the given statements and correct them.

Earthquakes is the displacement of the water below the earth's crust which causes the ground to shake or vibrate.



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**3.** Spot the errors in the given statements and correct them.

Climatic changes, draught and floods may also

cause destruction of many life forms forever  
thus disturbing biodiversity.



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4. Which of the following human activities results in degeneration of biodiversity?

I) Population

II) Deforestation

III) Farming

IV) Pollution

A. I, II, III

B. II, III, IV

C. I, III, IV

D. I, II, IV

**Answer:**



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5. What do you mean by deforestation



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6. What do you mean by Extinction



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7. What do you mean by Soil erosion



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8. Fill up the blanks

Deforestation results in increasing the level of carbon dioxide in atmosphere causing\_\_\_\_\_.



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### 9. Fill up the blanks

The zone of forest in which the human activity totally prohibited is \_\_\_\_\_.



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### 10. Fill up the blanks

\_\_\_\_\_ and \_\_\_\_\_ play a major role in maintenance of forest reserves.



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11. Match the following:

Column A

1. Storms and cyclones
2. Urbanization
3. Deforestation
4. Earthquakes

Column B

- a. Natural disasters
- b. Man made disasters



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12. Assertion ((A): Deforestation results in desertification.

Reason (R): On cutting of a tree soil is left exposed to weather conditions which results in the change of physical property of the soil.

A. A is correct and R is the correct explanation of A.

B. A is correct and R is not the correct explanation of A.

C. A is correct and R is wrong.

D. A is wrong and R is correct.

**Answer: A**



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**13.** Assertion ((A): Deforestation results in increase in the level of groundwater.

Reason (R): Deforestation results in global warming.

A. A is correct and R is the correct explanation of A.

B. A is correct and R is not the correct explanation of A.

C. A is correct and R is wrong.

D. A is wrong and R is correct.

**Answer: D**



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**14.** Assertion ((A): Many plants and animals which survive on resources and homes forest lose their habitats due to deforestation.

Reason

(R): In nursery zone, nursery for forest trees is maintained.

A. A is correct and R is the correct explanation of A.

B. A is correct and R is not the correct explanation of A.

C. A is correct and R is wrong.

D. A is wrong and R is correct.

**Answer: B**



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15. Which of the following are the consequences of deforestation?

A. Desertification

B. Harm to groundwater

C. Global warming.

D. All.

**Answer: D**



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## Worksheet 3

1. Statement -I: Endangered species of plants and animals are those which are exposed to danger of extinction (loss forever).

Statement - II: Cat, dog and cow are some endangered species.

A. Statement -I is true, Statement - II is false.

B. Statement -I is false, Statement - II is true.

C. Both statements are true.

D. Both statements are false.

**Answer: A**



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2. Spot the errors in the given statements and correct them.

Falcon, Eagle, hawk, vulture, peacock-peahen, pigeon, duck are some birds that are becoming rare.





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3. Spot the errors in the given statements and correct them.

Endemic species of plants and animals are those that are found all over the world.



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4. Which of the following is true about National parks and sanctuaries in India?

- 1) Gir Sanctuary, Gujarat is for Sambhar (deer)
- II) Jim Corbet National Park, Uttarakhand is for Tiger.
- III) National Botanical Garden, West Bengal for rare animal and rare plants.
- IV) Kaziranga Sanctuary, Assam is Rhinoceros.

A. I, II, III

B. II, III, IV

C. I, III, IV

D. I, II, III, IV

**Answer: D**



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**5. What do you mean by Endemic species**



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**6. What do you mean by Endemic species**



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**7. Vulnerable species**



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**8.** Write the expanded forms of the following related to conservation of Biodiversity

(a) CBD

(b) IUCN

(c) WCU

(d) WWF



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9. Match the following:

Column A

1. The Wildlife Protection Act
2. The Forest Conservation Act
3. The Environment Protection Act

Column B

- a. 1980
- b. 1986
- c. 1972



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10. Which of the following are the vulnerable species?

A. Langurs

B. Tigers

C. Orchids

D. Lions

**Answer: A**



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**11.** Which of the following is/are the rare species?

A. Langurs

B. Tigers

C. Orchids

D. Lions

**Answer: C**



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**12.** Snakes, lions, tigers, rabbits, deers, Tibetan goat (chiru) musk deer are:

A. Endangered species

B. Vulnerable species

C. Rare species

D. Threatened species

**Answer: D**



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**13.** Which of the following contain a list of threatened species of plants and animals in different parts of the world

A. Black list

B. Red-list



C. Green List

D. Yellow list

**Answer: B**



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## Competitive Worksheet

1. Certain plants are extensively used for their economical value. However, the industrial use of plants may have repercussions on the

environment of a region.

Which of the following events is not an aftermath of deforestation?

A. Wild life extinction

B. Water pollution

C. Flash floods

D. Soil erosion

**Answer: C**



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2. Recycling is the process of converting waste material into useable products.

Which of the following reasons does not explain the need for recycling?

A. Recycling reduces environmental pollution

B. Recycling is cheaper than disposing wastes

C. Recycling increases the amount of garbage

D. Recycling reduced deforestation

**Answer: C**



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**3. Which of the following processes does not cause the extinction of animals?**

A. Pollution

B. Poaching

C. Afforestation

## D. Constructing dams

**Answer: C**



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**4.** Trees provide oxygen and food to animals.

Trees also provide a number of useful products to human beings such as rubber, timber, and fuel. This leads to deforestation i.e., removal of trees from the environment to exploit their uses.

Which of the following is not a result of deforestation?

A. Soil erosion

B. Low rainfall

C. Increase in the water table

D. Decrease in animal population

**Answer: C**



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5. i species are those species of plants and animals that are exclusively found in a particular area. ii is an endemic fauna of the Pachmarhi biosphere reserve. The information in which alternative completes the given statements?

- A. i-Endemic, ii-Sal
- B. i-Endemic, ii-Bison
- C. i-Extinct, ii-Sal
- D. i-Extinct, ii-Bison

**Answer: B**



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6. Which protected area maintains the traditional life of tribals?

- A. National park
- B. Zoological park
- C. Biosphere reserve
- D. Wildlife sanctuary



**Answer: C**



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7. Which term refers to the species that are on the verge of extinction?

A. Extinct

B. Endemic

C. Endangered

D. Threatened

**Answer: C**



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**8.** Which of the following statements is correct regarding deforestation?

A. It increases the fertility of soil.

B. It involves planting of new trees.

C. It increases the water holding capacity of soil.

D. It involves the cutting of trees for industrial purposes.

**Answer: D**



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**9.** Which of the following statements about flora and fauna is true?

A. The various plants species found in an area constitute the flora while the

various animal species found in an area  
constitute the fauna

B. The various plant species found in an  
area constitute the fauna while the  
various animal species found in an area  
constitute the flora

C. The plants and animals found in a region  
constitute the region's flora

D. The plants and animals found in a region  
constitute the region's fauna

**Answer: A**



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10. i plants and animals are restricted in their distribution to a particular area ii species are those whose numbers are decreasing and might face extinction in the near future. The information in which alternative completes the given statements?

A. i-extinct, ii-endemic

B. i-endemic, ii-endangered

C. i-endangered, extinct

D. i-extinct, ii endangered

**Answer: B**



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**11.** Which of the following statements about reforestation is incorrect?

A. It involves the cutting of trees for industrial purposes.

B. It involves the planting of new trees in deforested areas.

C. It can take place with human intervention.

D. It can take place naturally.

**Answer: A**



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12. Which of the following statements about recycling of paper is incorrect?

A. It reduces deforestation.

B. It promotes the conservation of environment.

C. It consumes less energy as compared to the energy consumed for paper making.

D. It requires more harmful chemicals as compared to those used in paper making.



**Answer: D**



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**13.** Migratory birds fly to faraway places because of the \_\_\_ i \_\_\_ in their natural habitat. They go to faraway places to \_\_\_ ii \_\_\_. The information in which alternative completes the given statements?

- A. i-cold climate, ii-raise their young ones
- B. i-cold climate, ii-escape predators

C. i pollution, ii-raise their young ones

D. i-pollutions, ii-escape predators

**Answer: A**



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**14.** Which of the following statements about the Red Data Book is correct?

A. It contains the record of all endangered plant and animal species

B. It contains the record of all extinct plant and animal species

C. It contains the list of all endemic animal species

D. It contains the list of all endemic plant species

**Answer: A**



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15. The population of animal X has drastically gone down. Any further decline in its population could wipe the traces of its species from the surface of the Earth. Animal X belongs to the category of

- A. extinct species
- B. endemic species
- C. threatened species
- D. endangered species

**Answer: D**



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- 16.** The primary objective of Project Tiger is to
- A. increase the population of tigers as they are an endangered species
  - B. increase the population of tigers as they are a threatened species
  - C. protect tigers by keeping them in the enclosures of zoos
  - D. protect tigers by changing their habitat

**Answer: A**



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**17.** Which of the following statements about wildlife sanctuaries is correct?

A. It is a place where the traditional life of tribal's is conserved

B. It is a place where human activities are permissible

C. It is a place where animals are kept in enclosures

D. It is a place where poaching is prohibited

**Answer: D**



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**18.** The species that are exclusive to a particular area are known as

A. extinct species

B. endemic species

C. threatened species

D. endangered species

**Answer: B**



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**19.** The plants found in a particular area are termed as the i of that are ii refers to the animals found in a particular are. The



information in which alternative completes the given statements?

A. i-flora, ii-Fauna

B. i-Fauna, ii-flora

C. i-flora, ii-Flora also

D. i-fauna, ii Fauna also

**Answer: A**



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20.       is an area in which animals are protected in their natural habitat, while       is a large protected land where plants, animals, and tribals are conserved in their natural habitat. The information in which alternative completes the given statement?

A. i-Sanctuary, ii-biosphere reserve

B. i-biosphere reserve, ii-national park

C. i-National park, ii-zoo

D. i-Zoo, ii-sanctuary

**Answer: A**



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**21.** Deforestation has adverse effects on the ecosystem. Which of the following statements about deforestation is incorrect?

- A. It leads to soil erosion
- B. It leads to global warming
- C. It increases the occurrence of floods

D. It increases the water-holding capacity of soil

**Answer: D**



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**22.** Deforestation is a major threat to the ecosystem. Which of the following activities does not lead to deforestation?

A. Using wood for making furniture

B. Constructing biosphere reserves

C. Clearing land for agriculture

D. Using wood as fuel

**Answer: B**



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**23.** 'Slash and burn' is a method of felling trees, which is used for procuring land for agricultural purposes. In this method, in order to clear a piece of land, trees are cut down and

then the stumps are burnt down. Which of the following statements is incorrect regarding this method?

- A. It speeds up the process of soil erosion.
- B. It increases the chances of reforestation.
- C. It leads to decrease in the soil nutrients.
- D. It increases the chances of natural calamities.

**Answer: B**



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**24.** The given list represents some facts about reforestation.

I. Reforestation can occur both naturally and also by human intervention.

II. Plants of the same species are planted in the forests.

III. Trees whose stumps are burnt down cannot be re-grown.

IV. The number of trees planted is equal to the number of trees cut from the forests.

- A. only I is incorrect
- B. only II is incorrect
- C. both I and III are incorrect
- D. both II and IV are incorrect

**Answer: B**



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25. i leads to the increase in the levels of ii gas in the atmosphere, which disturbs the iii



on earth. The information in which alternative completes the given statement?

A. i-deforestation, ii-carbon dioxide, iii-

Water cycle

B. i-descrification, ii-carbon dioxide, iii-

nitrogen cycle

C. i-deforestation, ii-carbon dioxide, iii-

nitrogen cycle

D. i-deserification, ii-carbon dioxide, iii-

Water cycle

**Answer: A**



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**26.** Deforestation can be caused by many means. Forest fires and i are the ii causes of deforestation.

- A. i-drought, ii-man-made
- B. i-felling of trees, ii-natural
- C. i-drought, ii- natural
- D. i-felling of trees, ii-man-made

**Answer: C**



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