

Scientific Aptitude

Conservation of Plants and Animals

Check Your Concepts

Q.1. Match the following:

Directions: Given below are two columns - column I and column II. Match the two columns and write the correct answer in the given blank grid.

1. Match the following:

Column – I		Column – II	
(A)	Practice of renewing a forest by planting seedlings.	(i)	Fauna
(B)	The variety of plants/ animals and micro-organisms found in an area.	(ii)	Extinct
(C)	Collective name for the species of plants found in an area.	(iii)	Afforestation
(D)	Collective name for the species of animals found in a particular region.	(iv)	Endemic
(E)	Species that is restricted to a specific place.	(v)	Biodiversity
(F)	Species who's no surviving member is left.	(vi)	Pachmarhi
(G)	An example of biosphere reserve.	(vii)	Flora

Q.2. True / False:

Directions: Read the following statements and mark your response as true or false. Rewrite the correct statement(s) in the box provided below, in case of false statement(s).

1. Endemic species are located throughout the world. []
2. Continued soil erosion from a region can cause desertification. []
3. Forests regulate the temperature of earth. []
4. Forest is renewable natural resource. []
5. A Pachmarhi Biosphere reserve may have national parks and wildlife sanctuaries in it. []
6. All deforestation are caused by humans. []
7. Dinosaurs became extinct due to environmental changes caused by humans. []
8. Deforestation is renewing a forest by planting trees. []

Q.3. Multiple choice questions:

Directions: Read the following questions and choose the answers that best answer the questions.

1. Which one of the following is not a result of deforestation?
(a) Destruction of ozone layer.
(b) Removal of top layer of soil by wind and rain.
(c) Increased levels of carbon dioxide in the atmosphere.
(d) Destruction of the natural habitats of plants and animals.

2. In the absence of forests, the amount ofi... in air will increase, resulting in theii.... of Earth's temperature.
The information in which row completes the given statement?
(a) i-Oxygen; ii-increase (b) i-Oxygen; ii-decrease
(c) i-Carbon dioxide; ii-increase (d) i-Carbon dioxide; ii-decrease

3. An example of extinct organism is
(a) Tiger (b) Bison (c) Buffalo (d) Dodo

4. The species of plants and animals that are found exclusively in a particular area is known as
(a) Extinct (b) Endemic (c) Endangered (d) Threatened

5. Species of plants found in a particular region are known asi..... The example includesii.....
The information in which row completes the given statements?
(a) i-Fauna; ii-Teak (b) i-Flora; ii-Teak (c) i-Fauna; ii-Gharial (d) i-Flora; ii-Gharial

6. Endangered species are referred to
(a) Species found in a particular area.
(b) Species facing the danger of extinction.
(c) Variety of living organisms in a specific area.
(d) Species that no longer exist on earth.

7. In which of the following protected areas, traditional life of the tribal living in that area are protected?
 (a) Biosphere reserve (b) National park (c) Zoological park (d) Wild life sanctuaries
8.i..... is a large protected land where plant, animals and tribal are conserved in their natural habitat whileii..... is an area where animals are protected in their natural habitat
 The information in which row completes the given statement?
 (a) i-Zoological Park; ii-Biosphere reserve (b) i-Biosphere reserve; ii-Sanctuary
 (c) i-Sanctuary; ii-National Park (d) i-National Park; ii-Zoological Park
9. The variety of plants, animals and micro organisms found in an area is called
 (a) Biodiversity (b) Desertification (c) Ecosystem (d) Deforestation
10. Which of the following is not a way to conserve forest?
 (a) Deforestation (b) Reforestation
 (c) Planned cultivation (d) Prevention of illegal logging
11. Which of the following is a consequence of reforestation?
 (a) Increase in Earth's temperature (b) Change in weather pattern
 (c) Increases in pollution (d) Protection of soil
12. Red data book contains a record of
 (a) Endangered species (b) Threatened, species
 (c) Extinct species (d) All of these

Q.4. Subjective questions:

1. A population of an endemic animal has drastically gone down. Any further decline in its population would wipe the traces of its species from surface of Earth.
 Can you suggest three reasons for decline in its population?

Ans.

2. How deforestation affects water cycle?

Ans.
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