

LESSON- CONSERVATION OF PLANTS AND ANIMALS

Class: VIII Question Bank
Objective & Subjective

Subject: Science

Paper Type:

Maximum Marks:

Section - A

Q1.

Define a zoo. (K) (Marks : 1)

Q2.

Define afforestation.(K) (Marks : 1)

Q3.

Define deforestation.(K) (Marks : 1)

Q4.

Define desertification. (K) (Marks : 1)

Q5.

Define a biosphere. (K)(Marks : 1)

Q6.

Define reforestation.(K) (Marks : 1)

Q7.

State the natural causes of deforestation.(U) (Marks : 1)

Q8.

Define the term biodiversity. (K) (Marks : 2)

Q9.

Define the term endemic species with a suitable example. (U)
(Marks : 2)

Q10.

Define a food chain. (K)(Marks : 2)

Q11.

Define a national park.(K) (Marks : 2)

Q12.

Define wildlife sanctuary. (K)(Marks : 2)

Q13.

Differentiate between flora and fauna. (ANA.) (Marks : 2)

Q14.

Explain the term 'Chipko Movement'.(U) (Marks : 2)

Q15.

In order to meet the ever-increasing demand of factories and housing, trees are being continuously cut. Is it justified to cut trees for such processes? (APP.)(Marks : 2)

Q16.

What are the causes of deforestation? (ANA.) (Marks : 2)

Q17.

What are the reasons for extinction of the species? (U) (Marks : 2)

Q18.

What is a Red Data Book? (K)(Marks : 2)

Q19.

What is the function of a wildlife sanctuary? (K) (Marks : 2)

Q20.

What is the function of our national parks?(K) (Marks : 2)

Q21.

Why do the tribals depend on the jungle ? (K) (Marks : 2)

Q22.

Why do we depend on plants? (U) (Marks : 2)

Q23.

Why does a species become endangered? (U) (Marks : 2)

Q24.

Why should we conserve biodiversity? (U) (Marks : 2)

Q25.

Name any five sanctuaries present in India. (K) (Marks : 5)

Q26.

State the details of Pachmarhi Biosphere-Reserve. (APP.) (Marks : 5)

MCQ'S

Q27.

Clearing forest areas by cutting down trees is termed _____.
(Marks : 1)

(a) defoliation (b) deforestation

(c) defrost (d) deformation

Q28.

Cutting down trees in large numbers can lead to _____.

(Marks : 1)

(a) carbon-nitrogen imbalance (b) carbon-oxygen imbalance

(c) oxygen-hydrogen imbalance (d) carbon-hydrogen imbalance

Q29.

Deforestation can lead to decreased rainfall and also

_____. (Marks : 1)

(a) floods (b) eutrophication

(c) increased rainfall (d) storms

Q30.

Different species of plants are grown and maintained in a

_____. (Marks : 1)

(a) botanical garden (b) laboratory

(c) children's park (d) zoological park

Q31.

Forest fires are caused mostly by _____ and are sometimes man-made. (Marks : 1)

(a) typhoons (b) wind

(c) storms (d) lightning

Q32.

Forests provide food to cattle but can lead to _____ due to overgrazing. (Marks : 1)

- (a) forest fires (b) deforestation
- (c) diseases (d) insect attacks

Q33.

Global warming is caused by increase in _____.
(Marks : 1)

- (a) oxygen (b) carbon
- (c) nitrogen (d) carbon dioxide

Q34.

When deforestation _____, the fertility of soil _____.
(Marks : 1)

- (a) increases; decreases (b) decreases; increases
- (c) increases; is not affected (d) decreases; is not affected

Q35.

Which one of the following is a forest resource? (Marks : 1)

- (a) Iron (b) Honey
- (c) Dates (d) Plastic

Q36.

FILL IN THE BLANKS

1. Paper is obtained from _____
2. We should _____ and _____ paper

3. ____ contains a record of endangered species.

4. ____ causes soil erosion.

Q37.

TRUE/ FALSE

1. There can be a wildlife sanctuary within a biosphere reserve.

2. Plants of particular area called Fauna.

3. Deforestation leads to soil erosion

ANSWERS---

Section - A

Q1.

Define a zoo. (Marks : 1)

Solution :

A Zoo is a place where animals are protected under captivity in artificial setting and allowed for exhibition to public.

Q2.

Define afforestation. (Marks : 1)

Solution :

Planting of trees in large numbers to create a greener environment is called afforestation.

Q3.

Define deforestation. (Marks : 1)

Solution :

The cutting and burning of forest trees to provide land for agricultural purposes, residential or industrial building sites, roads, etc., or by harvesting the trees for building materials or fuel is called deforestation.

Q4.

Define desertification. (Marks : 1)

Solution :

The soil erosion leaves less humus and makes the soil less fertile, gradually converting that land into a desert. This process is called desertification.

Q5.

Define a biosphere. (Marks : 1)

Solution :

Biosphere is the part of the earth in which the living organisms exist.

Q6.

Define reforestation. (Marks : 1)

Solution :

The process of restocking of the destroyed forests by planting new trees is called reforestation.

Q7.

State the natural causes of deforestation. (Marks : 1)

Solution :

The natural causes of deforestation are forest fires and severe droughts.

Q8.

Define the term biodiversity. (Marks : 2)

Solution :

Biodiversity refers to the variety of life existing on earth, their interrelationships and relationship with their environment.

Q9.

Define the term endemic species with a suitable example. (Marks : 2)

Solution :

Species that are found only in a particular area on earth are known as endemic species. For e.g.: Giant squirrel.

Q10.

Define a food chain. (Marks : 2)

Solution :

The process of transfer of energy from one trophic level to another is called a food chain.

Q11.

Define a national park. (Marks : 2)

Solution :

A forest reserve that is large and diverse enough to protect the whole set of ecosystem is called a national park.

Q12.

Define wildlife sanctuary. (Marks : 2)

Solution :

The area that is reserved in a forest for protection and preservation of wild animals and plants is known as a wildlife sanctuary. It also provides suitable living conditions to wild animals.

Q13.

Differentiate between flora and fauna. (Marks : 2)

Solution :

Flora

Fauna

1. Plants that are found in a particular area. Animals that are found in a particular area.
2. e.g., sal, teak, jamun. e.g., leopard, lion, cheetah.

(1 mark each)

Q14.

Explain the term 'Chipko Movement'. (Marks : 2)

Solution :

Chipko in hindi means hugging or embrace.

The movement started in Reni village, Uttarakhand in 1970s, is known for the villagers hugging trees to prevent them from being cut by forest contractors.

image

The movement was spread to other parts of the country by many environmentalists to resist destruction of forests, one of them being Mr. Sunderlal Bahuguna.

image

Q15.

In order to meet the ever-increasing demand of factories and housing, trees are being continuously cut. Is it justified to cut trees for such processes? (Marks : 2)

Solution :

It is not at all justified to cut trees just to fulfil our demands, since the cutting of trees has more disastrous effect than the benefits we get from cutting it.

Q16.

What are the causes of deforestation? (Marks : 2)

Solution :

The different causes of deforestation are :

procuring the land for cultivation,

building houses and factories,

making furniture and

using wood as fuel.

Q17.

What are the reasons for extinction of the species? (Marks : 2)

Solution :

The reasons for extinction of the species are:

a. Loss of or changes in their habitat and

b. Occurrence of other calamities.

Q18.

What is a Red Data Book? (Marks : 2)

Solution :

The Red Data Book is the source book, which keeps a record of all endangered animals and plants. It is published by International Union for Conservation on Nature and Natural Resources (IUCN).

Q19.

What is the function of a wildlife sanctuary? (Marks : 2)

Solution :

The wildlife sanctuaries provide protection and suitable conditions for the wild animals and plants.

Q20.

What is the function of our national parks? (Marks : 2)

Solution :

The main function of the national parks is to preserve the flora, fauna, landscape and heritage of an area.

Q21.

Why do the tribals depend on the jungle ? (Marks : 2)

Solution :

Tribes are usually the residents of the jungle and are dependent on it for the fulfillment of their daily needs of like food, clothing and shelter.

Q22.

Why do we depend on plants? (Marks : 2)

Solution :

We depend on plants mainly for oxygen, food, timber and paper.

Q23.

Why does a species become endangered? (Marks : 2)

Solution :

Animal species gets endangered if their number declines as a result of disturbance in their habitat due to human activities and natural calamities.

Q24.

Why should we conserve biodiversity? (Marks : 2)

Solution :

Biodiversity refers to the variety of life existing on earth, their interrelationships and relationship with the environment. Hence, we should conserve biodiversity as the food chains will get disturbed and the whole ecosystem will be disturbed.

Q25.

Name any five sanctuaries present in India. (Marks : 5)

Solution :

- 1) Bandipur Wild life Sanctuary in Karnataka,
- 2) Periyar Sanctuary in Kerala,
- 3) Mundradippu in Nagercoil (Tamil Nadu),
- 4) Vedanthangal in Chennai,
- 5) Bharatpur Bird Sanctuary in Rajasthan are some of the wildife sanctuaries of India.

Q26.

State the details of Pachmarhi Biosphere-Reserve. (Marks : 5)

Solution :

The Pachmarhi Biosphere Reserve of Madhya Pradesh consists of a national park named Satpura, and two wildlife sanctuaries named Bori and Pachmarhi.

Fauna of the Pachmarhi Biosphere Reserve- chinkara, bluebull, barking deer, cheetal, leopard, wild dog and wolf.

Flora of the Pachmarhi Biosphere Reserve- Sal, teak, mango, jamun, silver ferns and Arjun.

Bison, Indian giant squirrel, flying squirrel, sal and wild mango are endemic to this area.

image

Q27.

Clearing forest areas by cutting down trees is termed _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) defoliation (b) deforestation
(c) defrost (d) deformation

Correct Answer : (b)

Q28.

Cutting down trees in large numbers can lead to _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) carbon-nitrogen imbalance (b) carbon-oxygen imbalance

- (c) oxygen-hydrogen imbalance (d) carbon-hydrogen imbalance

Correct Answer : (b)

Q29.

Deforestation can lead to decreased rainfall and also _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) floods (b) eutrophication
(c) increased rainfall (d) storms

Correct Answer : (a)

Q30.

Different species of plants are grown and maintained in a _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) botanical garden (b) laboratory
(c) children's park (d) zoological park

Correct Answer : (a)

Q31.

Forest fires are caused mostly by _____ and are sometimes man-made. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) typhoons (b) wind
(c) storms (d) lightning

Correct Answer : (d)

Q32.

Forests provide food to cattle but can lead to _____ due to overgrazing. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) forest fires (b) deforestation
(c) diseases (d) insect attacks

Correct Answer : (b)

Percentage of students who gave correct answer : 0%

Q33.

Global warming is caused by increase in _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) oxygen (b) carbon
(c) nitrogen (d) carbon dioxide

Correct Answer : (d)

Q34.

When deforestation _____, the fertility of soil _____. (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) increases; decreases (b) decreases; increases
(c) increases; is not affected (d) decreases; is not affected

Correct Answer : (a)

Q35.

Which one of the following is a forest resource? (Marks : 1) (Topic : Conservation of Forest and Wildlife)

- (a) Iron (b) Honey
(c) Dates (d) Plastic

Correct Answer : (c)