

**Class: 12**

**Subject: Biology**

**Topic: Ecosystem**

**No. of Questions: 20**

**Duration: 60 Min**

**Maximum Marks: 60**

1. A sacred plant is
  - A. Ocimum basilicum
  - B. Ficus bengalensis
  - C. Prosopis cineraria
  - D. Aloe vera

Ans. C

2. In a National Park protection is provided to
  - A. Entire ecosystem
  - B. Flora and fauna
  - C. Fauna only
  - D. Flora only

Ans. B

3. Which one has higher diversity
  - A. Three bird species, four birds of one and one bird each of other two types
  - B. Six birds of three species, each with two individuals
  - C. Two animals each of three species belonging to different taxonomic groups
  - D. Both B and C

Ans. C

Solution:

It includes a total of six numbers of species- hence maximum diversity.

4. Biomagnification means
  - A. Accumulation of pesticide through food chain
  - B. Accumulation of pesticide in water
  - C. Increased pesticide degradation
  - D. Accumulation of pesticide in the soil

Ans. A

5. A bird seen only in the jungle is
- A. Bulbul
  - B. Crow
  - C. Hornbill
  - D. Barbet

Ans. C

Solution:



6. Ozone hole over Antarctica appears during
- A. August-September
  - B. March-April
  - C. October-November
  - D. January-February

Ans. A

7. Ozone hole over Antarctica was first detected by
- A. Molina and Rowland
  - B. Farmanetal
  - C. Augus
  - D. Molina and Molina

Ans. B

8. In addition to Sugarcane, sugar, is also extracted from

- A. Sweet Potato
- B. Potato
- C. Sugar Beet
- D. Ginger

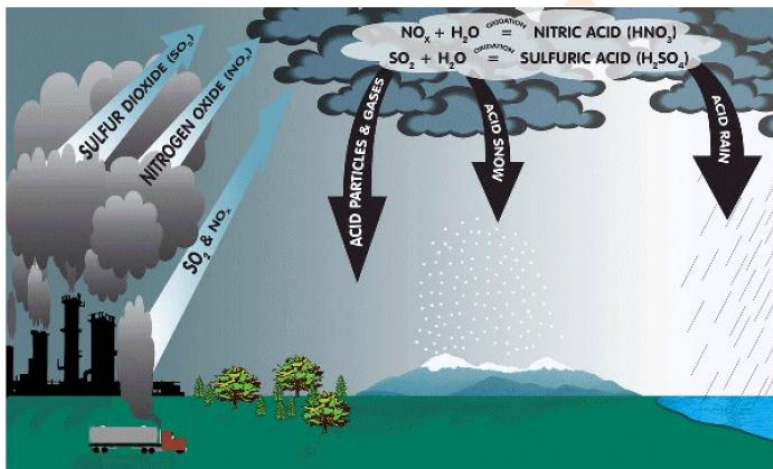
Ans. C

9. Acid rain is

- A. Natural phenomenon
- B. Limited to industrial areas
- C. Due to excess  $\text{SO}_2$
- D. Due to excess  $\text{CO}_2$

Ans. C

Solution:



10. Greenhouse effect is due to

- A.  $\text{CO}_2$
- B.  $\text{CH}_4$ ,  $\text{SO}_4$  and  $\text{NO}_2$
- C. Combination of many gases
- D. Gases which absorb infra-red rays reflected from earth

Ans. D

11. Which one is the richest source of vegetarian protein?

- A. Gram
- B. Soyabean
- C. Wheat
- D. Rice

Ans.B

12. Bread Wheat is

- A. Tiiticum aestivum
- B. Triticum turgidum
- C. Triticum durum
- D. Thticum monococcum

Ans. A

13. Montreal Protocol which calls for appropriate action to protect the ozone layer from human activities was passed in the year

- A. 1985
- B. 1986
- C. 1987
- D. 1988

Ans. C

14. Ozone hole is maximum over

- A. Europe
- B. Antarctica
- C. India
- D. Africa

Ans. B

Solution:

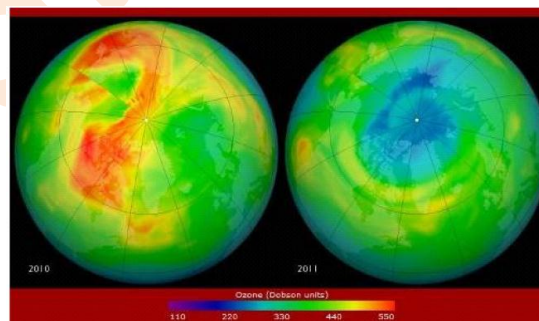


Image of the decreasing ozone layer on Antarctica.

15. Greatest problem in water conservation is to reduce the amount of

- A. Ground water
- B. Precipitation
- C. Run-off water
- D. Evaporation

Ans. C

16. Which one is considered hotspot of biodiversity in India

- A. Aravalli Hills
- B. Western Ghats
- C. Indogangetic Plain
- D. Eastern Ghats

Ans. B

17. Number of national parks currently operating in India is at present

- A. 67
- B. 78
- C. 92
- D. 95

Ans. C

18. In Assam, there is good population of

- A. Blackbuck
- B. Lion
- C. Camel
- D. Rhinoceros

Ans. D

19. Manas Sanctuary is located in

- A. Bihar
- B. Gujarat
- C. Rajasthan
- D. Assam

Ans. D

20. Ozone hole is caused by

- A. Acetylene
- B. Ethylene
- C. Chlorofluorocarbons
- D. Methane

Ans. C