



BIOLOGY

BOOKS - PREMIERS PUBLISHERS

ENVIROMENTAL ISSUES

Evaluation Textbook Questions Answers

1. Right to Clean Water is a fundanmental right,
under the Indian Constitution

A. Article 12

B. Article 21

C. Article 31

D. Article 41

Answer: B



Watch Video Solution

2. With which of the following, the Agenda 21' of Rio Summit, 1992 is related to?

A. Sustainable development

B. Combating the consequences of population

C. Tightening norms of Green House Gases (GHGs) emission.

D. Technology transfer mechanism to developing countries for clean-energy production.

Answer: A



Watch Video Solution

3. Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?

A. Indira Gandhi Paryavaran Puraskar

B. Medini Puruskar Yojana

C. Amrita Devi Bishnoi Award

D. Pitambar Pant National Award

Answer: C



Watch Video Solution

4. The 'thickness' of Stratospheric Ozone layer is measured in/on:

- A. Sieverts units
- B. Dobson units
- C. Melson units
- D. Beaufort Scale

Answer: B



Watch Video Solution

5. Which among the following is the most abundant Green-House-Gas (GHG) in the earth's atmosphere?

A. Carbon dioxide

B. Water Vapour

C. Sulphur Dioxide

D. Tropospheric Ozone

Answer: A



Watch Video Solution

6. As per 2017 statistics, the highest per capita emitter of carbon dioxide in the world is

A. USA

B. China

C. Qatar

D. Saudi Arabia

Answer: B



Watch Video Solution

7. The use of microorganism metabolism to remove pollutants such as oil spills in the water bodies is known as

A. Biomagnification

B. Bioremediation

C. Biomethanation

D. Bioreduction

Answer: B



Watch Video Solution

8. The Ozone Day is observed every year on September 16 as on this day in 1987 the _____ was signed for launching efforts to arrest the depletion of the fragile ozone layer in the stratosphere that prevents the harmful ultra violet rays of the sun from reaching the earthh, Fill the correct word in blank.

A. Montreal Protocol

B. Geneva Protocol

C. Kyoto Protocol

D. Nagoya Protocol

Answer: A



Watch Video Solution

9. Which among the following always decreases in a food chain across trophic levels?

A. Number

B. Accumulated chemicals

C. Energy

D. Force

Answer: C



Watch Video Solution

10. In the E-waste generated by the Mobile Phones, which among the following metal is most abundant?

A. Copper

B. Silver

C. Palladium

D. Gold

Answer: A



Watch Video Solution

11. The Hydrochlorofluorocarbons (HCFCs) are the compounds which have the following molecules:

A. Hydrogen

B. Carbon

C. Chlorine

D. None of the above

Answer: D



Watch Video Solution

12. SMOG is derived from:

A. Smoke

B. Fog

C. Both (a) and (b)

D. Only (a)

Answer: C



Watch Video Solution

13. Excess of fluoride in drinking water causes.....

A. Lung disease

B. Intestinal infection

C. Fluorosis

D. None of the above

Answer: C



Watch Video Solution

14. Expand : CFC



Watch Video Solution

15. Expand : AQI



Watch Video Solution

16. Expand : PAN



Watch Video Solution

17. What is SMOG and how it is harmful for us?



Watch Video Solution

18. List all the wastes that you generate, at home, school or during your trips to other places. Could you very easily reduce the generation of these wastes? Which would be difficult or rather impossible to reduce?

A. Kitchen waste including food wastes.

B. Plastic waste.

C. Paper waste and other stationaries.

D.

Answer:



Watch Video Solution

19. Discuss the causes and effects of global warming. What measures need to be taken to control global warming?



Watch Video Solution

20. Write the effects of global warming.



Watch Video Solution

21. Enumerate some important measures for controlling global warming .

A. (i) Reduce the emission of CO_2 and other green house gases.

B.

C.

D.

Answer:



Watch Video Solution

22. What would Earth be like without the greenhouse effect?



Watch Video Solution

23. Write notes on the following:

Eutrophication



Watch Video Solution

24. Write notes on the following:

Algal Bloom



Watch Video Solution

25. What effect can fertilizer run off have on aquatic system?



Watch Video Solution

26. How can we control eutrophication?





[Watch Video Solution](#)

27. Why does ozone hole form over Antarctica?



[Watch Video Solution](#)

28. Mention the causes of enhanced UV radiation on human beings.



[Watch Video Solution](#)

29. Discuss the role of women in protection and conservation of forests.



Watch Video Solution

30. Discuss the role of an individual to reduce environmental pollution.



Watch Video Solution

31. How does recycling helps to reduce pollution?



Watch Video Solution

32. What is the primary purpose of the Kyoto Protocol?



Watch Video Solution

33. In what way Peyang conserved the forests?





[Watch Video Solution](#)

34. Discuss briefly the following:

Catalytic converter



[Watch Video Solution](#)

35. Discuss briefly the following:

Greenhouse gases



[Watch Video Solution](#)

36. discuss briefly the following : Ecosan



Watch Video Solution

37. What are some solutions to toxic dumping in our oceans?



Watch Video Solution

38. Describe how deforestation might contribute to global warming.



Watch Video Solution

39. How does forest conservation help to reduce air pollution?



Watch Video Solution

Other Important Questions Answers Choose The Correct Answer

1. Medical waste is classified under:

A. Solid waste

B. Organic waste

C. Hazardous waste

D. Chemical waste

Answer: C



Watch Video Solution

2. Which of the following is an anaerobic process?

A. Vermicomposting

B. Biogas generation

C. Segregation

D. Nitrification

Answer: B



Watch Video Solution

3. Give the estimated amount of garbage collected in Chennai per day?

A. 5400 MT

B. 4800 MT

C. 2400 MTT

D. 6800 MT

Answer: A



Watch Video Solution

4. The method not used in the physical methods of waste treatment.

A. Flotation

B. Chlorination

C. Sedimentation

D. Filtration

Answer: B



Watch Video Solution

5. Choose the odd man out:

A. Nammalvar

B. Sultan Md. Ismail

C. Thiagarajan

D. Jadav Payeng

Answer: C



Watch Video Solution

6. Identify the odd one:

A. Food waste

B. Paper waste

C. Plastic waste

D. Organic waste

Answer: C



Watch Video Solution

7. Choose the odd one:

A. Dilute and disperse

B. Segregation and treatment

C. elay and decay

D. Concentrate and confine

Answer: B



Watch Video Solution

8. Find out the odd one:

A. Bandages

B. Sealpels

C. Glass wares

D. Swabs and tissues

Answer: D



Watch Video Solution

9. Which of the following is a correct pair?

- A. Column - I, Column -II
Culture tubes, E.waste
- B. Column - I, Column -II
Bandages, Inorganic waste
- C. Column - I, Column -II
Sewage, Organic waste
- D. Column - I, Column -II
Swabs and tissues, Non medical waste

Answer: C





Watch Video Solution

10. Choose the incorrect pair:

- | | | |
|----|-----------------------------------|-------------------------------|
| A. | Column - I,
Carbon di oxide, | Column -II
Green House Gas |
| B. | Column - I,
Carbon monoxide, | Column -II
Automobile |
| C. | Column - I,
Sulphur di oxide, | Column -II
Acid rain |
| D. | Column - I,
Oxide of nitrogen, | Column -II
silent killer |

Answer: D



Watch Video Solution

11. Find out the correct pair:

A.

Column - I, Column -II
Eutrophication, Organic pollution

B. Column -II
Column - I, Chemical pollution
Algal bloom,

C. Column -II
Column - I, Oil sleek
Red tide,

D. Column -II
Column - I, Liquid waste
Arsenic,

Answer: A



Watch Video Solution

12. Indicate the incorrect pair:

A.

Column - I,	Column -II
Verni composting,	Sultan Md. Ismail

B.

Column - I,	Column -II
Organic farming,	Nammalvar

C.

Column - I,	Column -II
Plastic recycling,	Thiagarajan

D.

Column - I,	Column -II
Green revolution,	M.S Swaminathan

Answer: C



Watch Video Solution

13. Assertion: Organic farming creates an ecofriendly pollution free environment.

Reason: In organic farming, only natural and organic agro inputs are used.

A. Both Assertion and Reason are correct,

Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct

Reason is not the correct explanation of Assertion.

C. Assertion is correct, Reason is not correct.

D. Assertion is not correct, Reason is correct

Answer: A



Watch Video Solution

14. Assertion: DDT concentration is more in fish eating birds than the actual concentration of aquatic system.

Reason: This is due to a phenomenon called Biomagnification.

A. Both Assertion and Reason are correct, Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct, Reason is the correct explanation of Assertion.

C. Assertion is correct, Reason is not correct.

D. Assertion is correct, Reason is not correct.

Answer: A



Watch Video Solution

15. Assertion: The permissible limit of noise in commercial areas is 65 decibels during day and 45 decibels during night.

Reason: The threshold pain of noise pollution is 120 decibels.

A. Both Assertion and Reason are correct,

16. Reason is the correct explanation of

Assertion.

B. Both Assertion and Reason are correct,

16. Reason is the correct explanation of

Assertion.

C. Assertion is correct, Reason is not

correct.

D. Assertion is not correct, Reason is

correct.

Answer: D



Watch Video Solution

16. Assertion: Acid rain is caused by Sulphur dioxide and nitric oxide.

Reason: During raining, the precipitation contains acidic components such as sulphuric acid or nitric acid.

A. Both Assertion and Reason are correct,

16. Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct,

16. Reason is the correct explanation of
Assertion.

C. Assertion is correct, Reason is not
correct.

D. Assertion is not correct, Reason is
correct.

Answer: B



Watch Video Solution

17. Which of the following statement is correct?

A. Thinning of stratospheric ozone layer is caused by all GHGs.

B. Thinning of stratospheric ozone layer is caused by CO_2 emission.

C. Thinning of stratospheric ozone layer is caused by CFC_s

D. None of the above.

Answer: A





Watch Video Solution

18. Choose the incorrect statement:

- A. Trees are the best remedy for urban particulate matter.
- B. Forests act as sink for CO_2 .
- C. Forests act as lungs of planet.
- D. All the above statements are not correct.

Answer: D



Watch Video Solution

19. wood. Indicate the correct statement:

A. Noise pollution can cause severe stomach ache.

B. The threshold pain of noise pollution is about 120 decibels.

C. Marine animals are not affected by noise pollution.

D. None of the above.

Answer: B



Watch Video Solution

20. Choose the incorrect statement

A. Limit generation is the most important consideration in managing radioactive wastes.

B. Diution and dispersion are adopted for 7.

Explain Air Quality Index (AQN). wastes

having high radioactivity.

C. Much of the radio activity in nuclear reactors and accelerators is very short lived.

D. Concentrate and confine process is another method of radio active material disposal.

Answer: B



Watch Video Solution

Other Important Questions Answers Answer The Following

1. What is pollution?



[Watch Video Solution](#)

2. What are pollutants?



[Watch Video Solution](#)

3. What are the different basic groups of pollutants?



[Watch Video Solution](#)

4. Name the main sources of carbon monoxide pollution.



[Watch Video Solution](#)

5. Define smog.





[Watch Video Solution](#)

6. Mention any two cost effective treatment of air pollution?



[Watch Video Solution](#)

7. Explain Air Quality Index (AQI).



[Watch Video Solution](#)

8. Name any two examples of non-point source of pollutants.



[Watch Video Solution](#)

9. Write a short note on noise pollution.



[Watch Video Solution](#)

10. Chemical present in mosquito repellants

 [Watch Video Solution](#)

11. What leads to biomagnification?

 [Watch Video Solution](#)

12. What is '4R'?

 [Watch Video Solution](#)

Other Important Questions Answers Answer The Following

1. What are plastics? Explain their sources.



Watch Video Solution

2. Recycling of E-waste poses significant risk to its' workers due to



Watch Video Solution

3. What will be the impact of water pollution on ecosystem?





Watch Video Solution

4. Explain the three main sources of water pollution.



Watch Video Solution

5. Water pollution disrupts the nature of food chains as well as food webs -Justify.



Watch Video Solution

6. Explain the Government Act and regulations to prevent water pollution.



Watch Video Solution

7. Mention ways of controlling depletion of ozone layer.



Watch Video Solution

8. Give an account of medical waste.



Watch Video Solution

9. Describe the prevention methods of water pollution.



Watch Video Solution

10. List any two effects of noise pollution.



Watch Video Solution

11. Write the effects of ozone depletion.



Watch Video Solution