



BIOLOGY

BOOKS - BETTER CHOICE PUBLICATION

ENVIRONMENTAL ISSUES

Very Short Answer

1. Give a single main cause of soil erosion and flood.



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2. In which part of the atmosphere is ozone layer found?



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3. Give two examples of non-renewable resources.



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4. Which day is celebrated as World Environment day?



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5. What is meant by BOD?



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6. Name the disease associated with accumulation of nitrates in human body.



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7. Which disease is associated with the eating of mercury contaminated fish?



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8. Name the disease caused by cadmium contaminated water.



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9. What is Synergism?



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10. What is nuclear fall out?



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11. What is meant by e-waste ?



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12. Define Green House effect.



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13. Give names of two non biodegradable pollutants.



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14. Explain briefly : Catalytic converters



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15. What is photochemical smog ?



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16. Find out what do the terms 'algal bloom' and 'red-tides' signify.



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17. Define bio-magnification.





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18. Who is called as terror of Bengal and why?



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19. Define smog?



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20. What is ozone hole?What is its significane?





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21. Define CO_2 fertilisation effect.



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22. What term is used for inflammation of cornea due to high dose of UV-B?



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23. Give the term for the thinning of ozonosphere.



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24. Name pollutants which undergo biological magnification.



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25. What is FOAM?



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26. What is Polyblend?



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27. How e-waste are disposed off?



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28. What is the upcoming need of ecological sanitation?



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29. What are bogs?



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Short Answer

1. Write the main cause of global warming.



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2. How does the forests help in maintaining the climate?



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3. What is the role of a plant as a Biotic resource? Write two causes of Global

Warming.



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4. Explain the effects of green house gases?



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5. Explain the role of plants as essential resource.



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6. What are the Green House gases? Name two gases exerting green house effect.



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7. What are Algal Blooms? Give two harmful effect of Algal bloom in Aquatic body.



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8. How is Green House effect produced?



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9. List some ill effects of water pollution.



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10. List some ill effects of noise pollution.



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11. List some ill effects of radioactive pollution.



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12. What initiatives were taken for reducing vehicular air pollution in Delhi? Has air quality improved in Delhi?



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13. What is Polyblend? Give its raw materials,



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14. What are e-waste? Explain the method of their disposal.



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15. How does Eutrophication of water bodies take place?



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16. What measures should be taken to reduce global warming?



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17. A crane had DDT level as 5 ppm in its body. What would happen to the population of such birds? Explain giving reasons.



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18. Give a case study of integrated organic farming.



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19. Give uses of organic farming.



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20. Discuss : Ill effects of acid rain



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21. What are the four main factors responsible for causing ecological crisis in nature?



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22. What are quantitative pollutants ?



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23. How does smog effect Biological world?

Which source of energy can easily replace the use of Wood in Rural areas?



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24. How can water pollution be controlled?



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25. What are the effects of Noise pollution on human health?



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26. What are the effects of Global warming?



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27. What is sewage? In which way can this be harmful?



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28. Discuss the role of women and communities in protection and conservation of forests.



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29. Discuss briefly the following: Defunct ships and e-wastes



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30. Why ozone hole forms over Antarctica?

How will enhanced UV radiations affect us?



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31. What measures would you take to reduce noise pollution?



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32. What measures would you take to reduce air pollution?



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33. How are the plants adapted to water scarcity and heat? Comment.



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34. Describe in brief any one case study as success story addressing environmental issues.



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35. Discuss : Munciple waste (solid)



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36. What is chemical oxygen demand (COD) ?



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37. Discuss : Synergism.



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38. What is Ozone hole? Why does Ozone hole formed over Antartica? How will enhanced UV radiations affect us?



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39. Define Pollution. What measures as an individual would you take to reduce environmental pollution?



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40. Explain green-house effect with reference to global warming.



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41. What is Ecological sanitation. Give its advantages.



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42. What are the causes and consequences of deforestation?



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43. Write a note on depletion of ground water and ways for its replenishment.



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44. What do you understand by biomagnification?



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Long Answer

1. Discuss the causes of global warming. What measures need to be taken to control global warming?



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2. What initiatives were taken for reducing vehicular air pollution in Delhi? Has air quality improved in Delhi?



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3. What are various constituents of domestic sewage? Discuss the effects of sewage discharge on a river.



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4. Write some ill effects of Air pollution.



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5. What is noise pollution? What are the ill effects of noise pollution? Suggest the control

measures of noise pollution.



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6. What is soil pollution? What are the ill effects of soil pollution? Suggest measures for controlling soil pollution.



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7. Name major atmospheric pollutants. Write about the sources of atmospheric pollutants.



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8. 'Fertilizers and pesticides act as pollutants.'

Comment on the statement.



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9. What is a Photochemical smog ? How does smog affect the biological world?



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10. Explain five possible effects of increase of green house gases in the atmosphere.



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11. What do you understand by fixed and mobile source of air pollution?



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12. What measure do you suggest to control pollution from automobile exhausts?



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13. What do you mean by water pollution?
Explain the sources and ill-effects of water pollution.



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14. What is pollution? Differentiate between primary air pollutants and secondary air pollutants.



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15. What is radio active pollution? Discuss ill-effects of non-ionising radiations and ionising radiations.



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16. What do you understand by 'Acid Rain'?

Discuss four ill-effects of acid rain.



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17. What is water pollution ?



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18. Suggest measures to control water pollution.





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19. What are air pollutants? Write any five major air pollutants. What are ill-effects of these pollutants?



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20. Explain : Radioactive waste



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21. Explain : Biological magnification



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22. Define Green House effect.



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23. Explain : Soil erosion (e) Smog.



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24. Explain : Soil erosion (e) Smog.



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25. What is radioactive pollution? What are ill-effects of radiations? What is India's role in management of nuclear waste?



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26. Define Agrochemical



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27. Define Eutrophication



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28. Define Cultural eutrophication



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29. How can we control water pollution ?



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30. What measure, as an individual, you would take to reduce environmental pollution?



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31. What are the ill effects of biomagnification?
How can we control water pollution?



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32. Account for the causes of green house effect. How does this effect us?



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33. Enlist various approaches/strategies to deal with global warming.



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34. Since the use of polybags has become so rampant in our day-to-day life, it is impossible to go back to non-plastic era. Today, the plastic menace has spread from cities to small towns and villages. They are "Garbage Forever".

(i) What are the harmful effects of using polybags ?

(ii) In your opinion, what steps should be taken to solve this problem ?



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35. Describe briefly various methods to control particulate matter in air pollution.



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36. Enlist various legislations enforced by the Govt. of India to protect the environment from pollution.



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37. What are the causes of Deforestation ?

Explain.



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38. What are the different methods used for controlling solid waste soil pollutants.



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39. Explain Slash and Burn agriculture.



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40. Discuss briefly the ultraviolet B.



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41. How does degradation of natural resources occur due to improper resource utilisation practices?



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42. Explain how, a plastic sack manufacturer, Ahmed Khan, in Bengaluru has solved the problem of ever-increasing plastic waste.



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43. With an example explain the importance of organic farming.



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