



BIOLOGY

BOOKS - NAVNEET PUBLICATION

POLLUTION

Question Bank

1. Where do you see the pollution around you ?



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2. How does the pollution occur ?



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3. Plot a graph showing the proportion of various gases in earth's atmosphere



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4. Why is it said that

Air is a homogenous mixture of various gases.



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5. Which different hazardous gases are released through fuel combustion ?



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6. What is the importance of ozone layer ?



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7. Write a note on ozone depletion.



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8. From which water sources do we get water suitable to use ?



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9. For which different purposes do we use the water ?



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10. How much percent of the earth's area is occupied by water ?



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11. Define water pollution. Describe the sources of water pollution?



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12. Why is water referred as 'molecule of life' ?



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13. What is meant by soil erosion ?



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14. Write answers to the given question in your own words:

what are the causes of diminished soil fertility?



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15. Rewrite the sentence after filling the blank :

Natural pollutants are destroyed in due course of time by ----.





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16. Rewrite the sentence after filling the blank :

Air pollutants with ---- cause color change in paints, oil painting, nylon, etc.



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17. Rewrite the sentence after filling the blank :

Boards indicating the ---- are displayed in busy squares in metro cities.



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18. Rewrite the sentence after filling the blank :

Soil ---- decreases due to pollution.



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19. Rewrite the sentence after filling the blank :

Problem of ---- pollution increases due to soil pollution.



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20. State whether the following statement are

True or False. Explain your statement :

Water does not get polluted by washing the clothes in running water of river.



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21. State whether the following statement are

True or False. Explain your statement :

More the use of electric appliances more will be the pollution.



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22. State whether the following statement are

True or False. Explain your statement :

Polluted water is responsible for diseases if such water increases.



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23. State whether the following statement are

True or False. Explain your statement :

When water is mixed with natural or artificial

unwanted materials, the dissolved oxygen level of such water increases.



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24. State whether the following statement are True or False. Explain your statement :

Though any amount of pollutants are added to the soil , the toxic substances do not leach into water.



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25. Match the column :



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26. Identify the odd term :

Industrialization, population explosion,

Mining, Vehicular transport, Dust storms.



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27. Identify the odd term :

Poisoning, asthma, Silicosis, respiratory diseases.



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28. Identify the odd term :

Irritation of eyes, respiratory tract, excess mucus, mental weakness.



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29. Identify the odd term :

Volcanic eruption, Earthquake, Atomic explosion, Forest fire.



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30. Consider the relation between the items in the first pair and write the correlation for second pair :

Industrialization Sulphur

compounds :: ---- :

Lead compounds



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31. Consider the relation between the items in the first pair and write the correlation for second pair :

City where smoke and soot caused it to be called black city : Petersburg : : Indian city where worst ever industrial accident has occurred : ----.



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32. Consider the relation between the items in the first pair and write the correlation for second pair :

Arsenic and cadmium : Inorganic water pollutants :: Weedicides and insecticides : ----



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33. Question based on classification of pollutant : Classify the following pollutant into natural and manmade categories.

Sewage, dust, pollen grains, chemical fertilizer,

vehicular smoke, algae, pesticides, waste of animals and birds.



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34. Following are some statement about pollution. Which type of pollution do those express :

Fog seems to be appearing in Delhi during day hours.



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35. Following are some statements about pollution. Which type of pollution do those express :

Many times, vomiting and dysentery occurs after eating 'pani puri'.



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36. Following are some statements about pollution. Which type of pollution do those express :

Problem of sneezing occurs sometimes during visit to garden.



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37. Following are some statement about pollution. Which type of pollution do those express :

Crop does not grow up in some areas.



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38. Following are some statement about pollution. Which type of pollution do those express :

People living in the busy squares face the problems like short breathing and other respiratory problems.



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39. Write definition :

Air pollution :





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40. Define water pollution.



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41. Write definition :

Soil pollution :



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42. Distinguish between the following :

Degradable and Non-degradable pollutants :



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43. Distinguish between the following :

Industrial waste and Domestic waste :



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44. Give scientific reason :

Use public transport instead of private vehicles.



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45. Give scientific reason :

Due to agriculture, there can be a lot of air pollution.



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46. There is an ozone hole in the Ozone layer.

What do you understand by this?



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47. Answer the following :

What is pollution ?



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48. Answer the following :

What are Pollutants ?



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49. Answer the following :

Which are visible pollutants known to you ?



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50. Answer the following :

Which are invisible pollutants ?



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51. What is greenhouse effect?



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52. How do you corelate greenhouse effect and global warming?



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53. Answer the following :

How does the pollution occur due to vehicles ?

Give the names of vehicles causing least pollution.



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54. Answer the following :

What is acid rain ?





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55. Answer the following :

Suggest four preventive measures for air pollution.



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56. Answer the following :

What do you mean by ozone layer depletion ?

What are the causes of ozone layer depletion ?



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57. Answer the following :

What adverse effect does ozone depletion have ?



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58. Answer the following :

Describe the effects of air pollution on animals and plants.



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59. Answer the following :

What are natural reasons/causes for water pollution ?



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60. Answer the following :

What are man-made reasons for water pollution ?



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61. Answer the following :

What are the effects of water pollution on human beings ?



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62. Answer the following :

What are the effects of water pollution on the ecosystem ?



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63. Answer the following :

Describe the effects of air pollution on the environment.



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64. Answer the following :

Describe the effects of soil pollution.



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65. Answer the following :

How do biodegradable and non-biodegradable wastes cause land pollution ?



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66. Answer the following :

How do you protect soil from being polluted ?



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67. Answer the following :

What are the different laws to prevent pollution ?



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68. Answer the following :

Who implements the laws related to pollution ?



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69. Which types of pollutants are observed ?



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70. Whether the pollutants are degradable or non-degradable ?



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71. If natural materials are pollutants, why do we not perceive their adverse effects during

their their use ? When such materials are referred as pollutants ?



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72. What are the reasons responsible for air pollution ?



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73. Give 5 examples of each of domestic waste, biological waste and agriculture waste and

write in your own words about soil pollution due to those wastes.

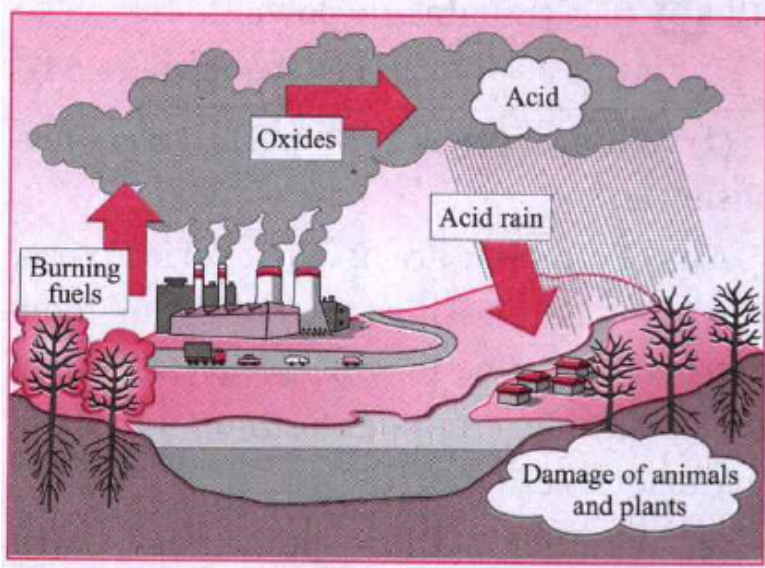


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74. Given below is a diagram showing hazardous polluting event

Explain what is this and what are its effects

shown in the diagram.



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75. Draw a well labelled diagram diagram to show greenhouse effect.

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76. Give two examples of each of water, soil and air pollution from your residential area.



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77. Construct two slogans each on air, water and soil pollution.



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78. MCQs based on practical :

Which fertilizers when used in excessive amounts cause soil pollution that spreads to neighboring water bodies and cause water pollution too ?

A. Chemical

B. Organic

C. Artificial

D. Compost

Answer: A



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79. MCQs based on practical :

What is the type of pollutants that are present in the industrial effluents that is released in the rivers and sea ?

A. Inorganic

B. Organic

C. Biological

D. Biomedical

Answer: A



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80. MCQs based on practical :

What grows in excess when eutrophication of the water bodies take place ?

A. Plants

B. Algae

C. Fishes

D. Fungi

Answer: B



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81. MCQs based on practical :

Which of the following is not seen in the unpolluted water body ?

- (1) flowers used in pooja
- (2) fruits
- (3) fishes
- (4) aquatic insects
- (5) plastic bags

(6) turtles

(7) thick growth of algae

(8) light blue of water

(9) cattle wading in water

(10) broken idols

A. (1) (3) (5) (6) (9) (10)

B. (1) (2) (5) (7) (9) (10)

C. (1) (3) (6) (8) (9) (10)

D. (1) (2) (4) (7) (8) (9)

Answer: B



82. MCQs based on practical :

Which is the easiest method to identify the polluted water ?

- A. To taste the water
- B. to check the depth of water
- C. To observe color and odour of the water
- D. To swim in the water

Answer: C



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83. What are the man-made sources of air pollution ?



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84. Name any one historical monument that has been affected by acid rain.



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85. Tell any two causes that has resulted into increases in the carbon dioxide concentration in the atmosphere.



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86. Name any two diseases caused due to water pollution.



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87. Name some soil pollutants.



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