

BIOLOGY

BOOKS - MBD -HARYANA BOARD

OUR NATURAL RESOURCES

Example

1. How is our atmosphere different from the atmospheres on Venus and Mars?



2. How does the atmosphere act as a blanket?



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3. What causes winds?



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4. How are clouds formed?



5. List any three human activies that you think lead to air pollution.



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6. Why do organisms need water?



7. What is the major source of fresh water in the city/town/village where you live?



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8. Do you know of any activity which may be polluting this water source?



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9. How is soil formed?



10. What is soil erosion?



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11. What are the methods of preventing or reducing soil erosion?



12. What are the different states in which water is found during the water cycle?



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13. Name two biological important compounds that contain both oxygen and nitrogen.



14. List any three human activities which would lead to an increase in CO_2 in air.



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15. What is greenhouse effect?



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16. What are the two forms of oxygen found in the atmosphere?



17. Why is the atmosphere essential for life?



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18. Why is water essential for life?



19. How are living organisms dependent on the soil? Are organisms that live in water totally independent of soil as a resource?



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20. You have seen weather reports on television and in newspapers. How do you think are able to predict the weather?



21. We know that many human activities lead to increasing levels of pollution of the air, water-bodies and soil. Do you think that isolating these activities to specific and limited areas would help in reducing pollution?



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22. Write a note on formation of soil.



23. What are the effects of use of fertilizers and pesticides for long period on soil fertility?

What are the causes of soil erosion?



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24. What are the effects of use of fertilizers and pesticides for long period on soil fertility? What are the causes of soil erosion?



25. Why is soil as resource important for mankind? Mention the constituents of soil.



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26. Define soil fertility. How can it be maintained?



27. What is air pollution? Write the main sources and preventive measures.



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28. Write a few properties of water. Sketch water Cycle.



29. What is nitrogen cycle? Make a simple line sketch to show nitrogen cycle in the biosphere.



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30. Briefly explain oxygen cycle.



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31. Briefly explain carbon cycle in nature.



32. What are the causes of ozone depletion?



33. Write a note on fresh water resources.



34. What is atmosphere? Name its different layers.



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35. What is the role of atmosphere in climate control?



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36. What is ozone layer? Write its importance.



37. What is meant by ozone shield ?Howthe CFC's and ozone depleting substances effect ozone shield ?



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38. Write a note on the air pollution caused due to combustion



39. Discuss harmful effects of air pollution.



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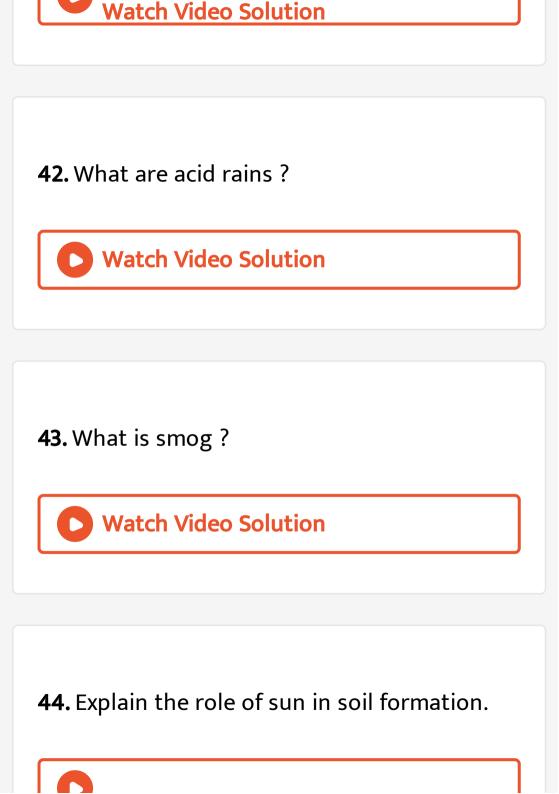
40. What is the role of biotic components in living organisms ?



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41. What are aerosoles?







45. How does water take part in soil formation ?



46. Discuss the role of wind and living organisms in soil formation.



47. What is the role of atmosphere in movement of air which causes winds?



48. What is the role of atmosphere in movement of air which causes winds?





49. How are rainfall patterns decided?

50. What is the role of atmosphere in causing rain?



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51. Comment "Water is one of the major resources which determine life on land". List a few other factors also.



52. What is water pollution?



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53. What are the sources of water pollution?



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54. What are the effects of water pollution?



55. Make a list of various diseases caused by polluted water.



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56. What is greenhouse effect? Show the % age of gases that cause greenhouse effect.



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57. List various measures for soil conservation.



58. How will you determine composition of soil



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59. Make an outline sketch of nitrogen cycle.



60. Life exists on which planet? **Watch Video Solution 61.** What are the materials required for life? **Watch Video Solution 62.** What is environment?

63. Basic requirment of life are obtained from which sources.



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64. What is atmosphere?



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65. How much surface of earth is covered by water?



66. How atmosphere covers the earth?



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67. What is biosphere?



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68. What are biotic components of biosphere?



69. List the abiotic components of bioshphere



70. Name the gaseous components of atmosphere.



71. Name the gases present on Venus and Mars planet.



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72. What is respiration?



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73. How is CO_2 used so that balance is maintained?





74. How is temperature regulated on earth?



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75. What is the minimum and maximum temperature on moon?



76. What causes winds?



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77. How are clouds formed?



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78. Which wind gets hot: Water to earth surface or from surface of earth to upward.



79. During night what is the direction of movement of air?



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80. What is the cause of movement of wind?



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81. List two factors which affect wind.



82. What is deforestation?



83. What is the effect of deforestation?



84. Is air a good or bad conductor of heat?



85. What is the cause of rain on Indian Land.



86. What is smog?



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87. What does the smog indicate?



88. Where is the purest form of water available.



89. Write one importance of water for living organisms.



90. Write one cause of pollution of water in town.



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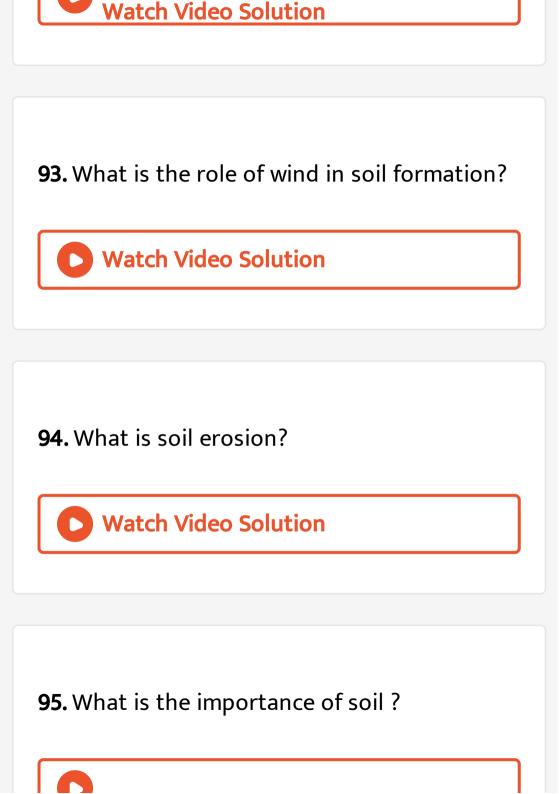
91. What is soil?

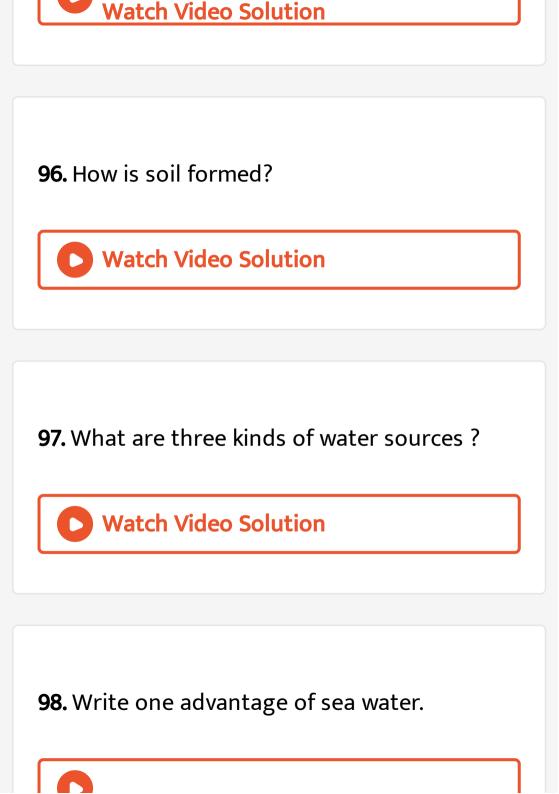


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92. What is the role of sun in the formation of soil?









99. What are the two types of water resources



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100. What are the sources of fresh water?



101. What do you understand by aquatic habitat?



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102. How much percent of nitrogen is present in atmosphere ?



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103. How is nitrogen used in living organisms.



104. Name two plants which are capable of fixing atmospheric nitrogen.



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105. Write two uses of mirco-organisms.



106. Name any two natural cycles operating in nature.



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107. Name the gaseous components of biosphere.



108. Name the source of energy for the process of photosynthesis.



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109. Define biomass.



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110. Name two nitrifying bacteria.



111. Define pollution.



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112. What are pollutants?



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113. What are the three major types of pollution?



114. What is soil pollution?



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115. Which part of solar radiation is absorbed by ozone layer?



116. Name the major surface water pollutant from farm run-off and bathroom water.



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117. Give the source of pathgens into water.



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118. What is the source of aerosols?



119. Which term is used for pollutants that are degraded by natural means?



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120. How can SO_2 pollution of air be checked?



121. Mention the regions where rainfall is highest and lowest in India.

