



BIOLOGY

NCERT - NCERT BIOLOGY(ENGLISH)

NATURAL RESOURCES

Now Answer

1. Is the temperature reading more in activity
(i) or (ii)?



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2. Based on the above finding, which would become hot faster – the land or the sea?



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3. Is the thermometer reading of the temperature of air (in shade) the same as the temperature of sand or water? What do you think is the reason for this? And why does the

temperature have to be measured in the shade?



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4. Is the temperature of air in the closed glass vessel/bottle the same as the temperature taken in open air? (i) What do you think is the reason for this? (ii) Do we ever come across this phenomenon in daily life?



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5. When did you observe that the air inside seemed to become 'foggy'?



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6. When does this fog disappear?



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7. When is the pressure inside the bottle higher?



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8. Is the 'fog' observed when the pressure in the bottle is high or when it is low?



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9. What is the need for smoke particles inside the bottle for this experiment?



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10. What might happen if you do the experiment without the smoke from the incense stick? Now try it and check if the prediction was correct. What might be happening in the above experiment in the absence of smoke particles?



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11. Were the numbers similar both times?



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12. In which season did you find more variety of plants and animals?



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13. In which season did you find more number of individuals of each variety?



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Exercise

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



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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?



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



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



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7. How is soil formed?



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8. What is soil erosion?



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



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



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11. Name two biologically important compounds that contain both oxygen and nitrogen.



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12. List any three human activities which would lead to an increase in the carbon dioxide content of air.



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13. What is the greenhouse effect?



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



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15. Why is the atmosphere essential for life?



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16. Why is water essential for life?



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17. 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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18. Write a note on how forests influence the quality of our air, soil and water resources.



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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 seather reposts on television and in neqapapers. How do you think are able to predict the weather?



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Questions

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



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