

IX Natural Resources

BIOLOGY CBSE TEST PAPER

Section: A

1. The atmosphere of the earth is heated by radiations which are mainly
 - (a) Radiated by the sun
 - (b) Re-radiated by land
 - (c) Re-radiated by water
 - (d) Re-radiated by land and water
2. If there were no atmosphere around the earth, the temperature of the earth will
 - (a) Increase
 - (b) Go on decreasing
 - (c) increase during day and decrease during night
 - (d) Be unaffected
3. What would happen, if all the oxygen present in the environment is converted to ozone?
 - (a) We will be protected more
 - (b) It will become poisonous and kill living forms
 - (c) Ozone is not stable, hence it will be toxic
 - (d) It will help harmful sun radiations to reach earth and damage many life forms.
4. One of the following factors does not lead to soil formation in nature
 - (a) The sun
 - (b) Water
 - (c) Wind
 - (d) Polythene bags
5. The two forms of oxygen found in the atmosphere are
 - (a) Water and ozone
 - (b) Water and oxygen
 - (c) Ozone and oxygen
 - (d) Water and carbon-dioxide

Solution: 1. (d) 2. (c) 3. (b) 4. (d) 5. (c)

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Section: B

1. Why is the atmosphere essential for life?
2. Why is water essential for life?
3. How are living organisms dependent on the soil? Are organisms that live in water totally independent of soil as a resource?
4. You have seen weather reports on television and in news paper. How do you think we are able to predict the weather?
5. We know that many human activities lead to increasing levels of pollution of air, water bodies and soil. Do you think that isolating these activities to specific and limited areas would help in reducing pollution?
6. Write a note on how forests influence the air, soil and water resources.
7. What is 'Water Cycle' ? Explain the process of water cycle.
8. Write a short note on 'Nitrogen Fixation'
9. Explain the 'Nitrogen Cycle'
10. Q10. Discuss the consequences of the increase in the concentration of Carbon Dioxide and other Green House gases in the atmosphere
11. What are the causes of Soil Erosion?