



CHEMISTRY

NCERT - NCERT CHEMISTRY(ENGLISH)

ENVIRONMENTAL CHEMISTRY

Exercise

1. Define environmental chemistry.



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2. Explain tropospheric pollution in 100 words.



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3. Carbon monoxide gas is more dangerous than carbon dioxide gas. Why?



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4. List gases which are responsible for greenhouse effect.



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5. Statues and monuments in India are affected by acid rain. How?



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6. What is smog? How is classical smog different from photochemical smogs?



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7. Write down the reactions involved during the formation of photochemical smog.



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8. What are the harmful effects of photochemical smog and how can they be controlled?



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9. What are the reactions involved for ozone layer depletion in the stratosphere?



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10. What do you mean by ozone hole? What are its consequences?



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11. What are the major causes of water pollution? Explain.



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12. Have you ever observed any water pollution in your area? What measures would you suggest to control it?



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13. What do you mean by Biochemical Oxygen Demand (BOD)?



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14. Do you observe any soil pollution in your neighbourhood? What efforts will you make for controlling the soil pollution?



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15. What are pesticides and herbicides? Explain giving examples.



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16. What do you mean by green chemistry? How will it help decrease environmental pollution?



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17. What would have happened if the greenhouse gases were totally missing in the earth's atmosphere? Discuss.



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18. A large number of fish are suddenly found floating dead on a lake. There is no evidence of toxic dumping but you find an abundance of phytoplankton. Suggest a reason for the fish kill.





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19. How can domestic waste be used as manure?



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20. For your agricultural field or garden you have developed a compost producing pit. Discuss the process in the light of bad odour, flies and recycling of wastes for a good produce.



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