

CBSE Class 11 Chemistry Chapter 14 Environmental Chemistry Worksheet – Set 2

Q1. Acid rain is caused by

- (a) Excess release of carbon monoxide by incomplete combustion
- (b) Excess formation of carbon dioxide by combustion and respiration
- (c) Excess production of ammonia by industries
- (d) Excess nitrogen dioxide and sulphur dioxide from burning fossil fuels
- (e) All of the above

Q2. Oxides of sulphur and nitrogen are important pollutants of _____.

- (a) Water
- (b) Air
- (c) Soil
- (d) All of the above

Q3. Which of the following is the primary source of fossil fuel burning?

- (a) Sulphur dioxide
- (b) Nitrogen dioxide
- (c) Both (a) and (b)
- (d) None of the above

Q4. Which of the following gases is not a greenhouse gas?

- (a) Carbon dioxide
- (b) Carbon monoxide
- (c) Water vapour
- (d) All of the above

Q5. Which of the following gases is responsible for the Taj Mahal's deterioration?

- (a) Sulphur dioxide
- (b) Carbon dioxide
- (c) Both (a) and (b)
- (d) None of the above

Q6. Which of the following is the primary precursor of photochemical smog?

- (a) Nitrogen dioxide
- (b) Carbon dioxide
- (c) Peroxyacetyl nitrate
- (d) All of the above

Q7. Which of the following is the main culprit of the depletion of the protective ozone layer?

- (a) Oxides of sulphur
- (b) Particulate matter
- (c) Chloro fluoro carbons (CFCs)
- (d) All of the above

Q8. It is not advised to sleep in a closed room with a coke fire burning inside on a cold day because of the harmful effects of _____.

- (a) Carbon monoxide
- (b) Carbon particulates
- (c) Sulphur dioxide present as an impurity in a coke fire
- (d) All of the above

Q9. Why does fish not grow as well in warm water as in cold water?

Q10. What do the abbreviation BOD and COD stand for?

Q11. What is herbicide? Give one example.

Q12. List some vital sources of ozone layer depletion.

Q13. Name the gas that caused the Bhopal gas tragedy.

Q14. What do you understand by the term pneumoconiosis? How does it transpire?

Q15. Why does rainwater normally have a pH of about 5.6? When does it become acid rain?

Q16. How can domestic waste be used as manure?

Q17. Statues and monuments in India are affected by acid rain. Justify the statement.

Q18. What are the reactions involved in ozone layer depletion in the stratosphere? What are its consequences?

Q19. How will you differentiate between classical smog and photochemical smog?

Q20. Give a brief account of green chemistry.