

CBSE Class 11 Chemistry Chapter 14 Environmental Chemistry Worksheet – Set 1

Q1. Which of the following is a major air pollutant?

- (a) Carbon monoxide
- (b) Oxides of nitrogen
- (c) Oxides of sulphur
- (d) All of the above

Q2. Which of the following is closest to the earth's surface?

- (a) Mesosphere
- (b) Stratosphere
- (c) Troposphere
- (d) None of the above

Q3. Which of the following is the major source of carbon monoxide pollution?

- (a) Vehicular exhaust
- (b) Industrial processes
- (c) Forest fire
- (d) All of the above

Q4. Increased concentration of carbon dioxide in the atmosphere is responsible for _____.

- (a) Greenhouse effect
- (b) Lack of photosynthesis
- (c) Death of aquatic animals
- (d) All of the above

Q5. Which of the following is the primary cause of white lung cancer?

- (a) Paper
- (b) Silica
- (c) Textiles
- (d) All of the above

Q6. What do you understand by the term environmental chemistry?

Q7. What are the causes of tropospheric pollution?

Q8. What are the primary pollutants responsible for tropospheric pollution?

- Q9.** Why is carbon monoxide more dangerous than carbon dioxide?
- Q10.** Name some greenhouse gases.
- Q11.** What is the impact of acid rain on statues and monuments?
- Q12.** What is pneumoconiosis? How does it occur?
- Q13.** What do you understand by the term eutrophication?
- Q14.** What is the primary cause of ozone layer destruction?
- Q15.** What is the importance of measuring the BOD of a water body?
- Q16.** List the main differences between classical smog and photochemical smog.
- Q17.** Name the gas responsible for the Bhopal gas tragedy.
- Q18.** Which of the following particulates is most toxic?
- (a) Fly ash
 - (b) Soot
 - (c) Inorganic compound
 - (d) None of the above
- Q19.** Which of the following is a greenhouse gas?
- (a) Methane
 - (b) Nitrogen
 - (c) Carbon monoxide
 - (d) All of the above
- Q20.** Which of the following is caused by the depletion of the ozone layer?
- (a) Blood cancer
 - (b) Breast cancer
 - (c) Skin cancer
 - (d) All of the above