

## CBSE Class 11 Chemistry Chapter 14 Environmental Chemistry Worksheet – Set 4

**Q1.** Which of the following gases is responsible for ozone layer depletion?

- (a) Chloro fluoro carbon (CFCs)
- (b) Sulphur dioxide
- (c) Nitrogen oxide
- (d) All of the above

**Q2.** Which of the following acids is present in acid rain?

- (a) Carbonic acid
- (b) Sulphuric acid
- (c) Nitric acid
- (d) All of the above

**Q3.** Which of the following conditions show the polluted environment?

- (a) The pH of rainwater is 5.6
- (b) Biochemical oxygen demand is 10 ppm
- (c) Amount of carbon dioxide in the atmosphere is 0.03%
- (d) All of the above

**Q4.** Which of the following gases causes the greenhouse effect?

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

**Q5.** Water samples with biological oxygen demand values of 4 ppm and 18 ppm, respectively are \_\_\_\_\_ and \_\_\_\_\_.

- (a) Clean and highly polluted
- (b) Highly polluted and clean
- (c) Highly polluted and highly polluted
- (d) Clean and clean

**Q6.** Which of the following molecules has a minimum role in the formation of photochemical smog?

**Q7.** Which of the following is present in the maximum amount in acid rain?

**Q8.** Green fuel is obtained from \_\_\_\_\_.

**Q9.** What is environmental chemistry?

**Q10.** Compare the toxicity of carbon monoxide and carbon dioxide.

**Q11.** What are the causes of pneumoconiosis?

**Q12.** What is BOD in water systems?

**Q13.** Why do fish not grow well in warm water?

**Q14.** What do you understand by green chemistry?

**Q15.** What is the pH of rainwater?

**Q16.** How is ozone formed?

**Q17.** What is sludge?

**Q18.** What is the importance of the ozone layer in the atmosphere?

**Q19.** What are the harmful effects of ozone layer depletion?

**Q20.** Differentiate between classical smog and photochemical smog.