

**Chapter-5**  
**Worksheet-1**

Q1. Fill in the blanks with suitable word/s.

1. The \_\_\_\_\_ present in the faeces of mammals are indicators of the quality of water.
2. An odd combination of smoke and fog is called \_\_\_\_\_.
3. The solid or liquid particles dispersed in air are called \_\_\_\_\_.
4. Most of the atmospheric air is contained in the atmospheric layer called \_\_\_\_\_.
5. Water is a \_\_\_\_\_ natural resources.
6. Cholera is a \_\_\_\_\_ borne disease.

Q2. Match the items of Column A with those of Column B.

- | Column A                 | Column B                                       |
|--------------------------|--|
| (i) Sulphur dioxide      | (i) Damage ozone layer                         |
| (ii) Carbon dioxide      | (ii) reduces oxygen carrying capacity of blood |
| (iii) Carbon monoxide    | (iii) acid rain                                |
| (iv) Chlorofluorocarbons | (iv) green house gas                           |

Q3. Which of the following is a major source of water pollution?

- (a) Sulphur dioxide
- (b) Nitrogen oxide
- (c) DDT

(d) Hydrogen oxide

Q4. The phenomenon of marble cancer is due to

- (a) soil particles
- (b) fog
- (c) CFCs
- (d) acid rain

Q5. Which gas is the major pollutant of air?

- (a) Carbon monoxide
- (b) Nitrogen
- (c) Oxygen
- (d) Propane

Q6. The solid or liquid particles dispersed in the air are called

- (a) oxides
- (b) acids
- (c) hydrocarbons
- (d) aerosols

Q7. State whether the given statements are true or false.

1. Acid rain does not affect the soil and plants.
2. Substances which contaminate the air are called water pollutants.
3. Smog causes breathing difficulties.
4. CFC's damage the ozone layer of the atmosphere.
5. Water which looks clean still has dissolved impurities and disease causing microorganisms.

Q8. The amount of oxygen in the earth's atmosphere is

- (a) 78%
- (b) 21%
- (c) 0.01%
- (d) 3%

Q9. Which of the following 16. is not a greenhouse gas?

- (a) Nitrogen
- (b) Methane
- (c) Water vapour
- (d) Carbon dioxide

Q10. The occasion of planting lakhs of trees in the month of July every year is known as

- (a) Forest conservation day
- (b) Plantation month
- (c) Van mahotsav
- (d) Wildlife week

Q11. Which gas is responsible for depletion of ozone layer?

Q12. What does SPM stand for?

Q13. What do you mean by air pollution?

Q14. What are the factors that are responsible for water pollution?

Q15. Which factors decides quality of potable water?

Q16. What do you mean by acid rain? How does it affect both living and non-living things?

Q17. What is eutrophication? How does it affect aquatic organisms?

Q18. Name various techniques used for purification of water.

Q19. Name three alternative sources of energy which do not cause any pollution.

Q20. What is the best way to dispose off dry leaves? Why?