

**Chapter-5**  
**Worksheet-2**

Q1. Water containing high salt concentration can be purified by

- (a) boiling
- (b) UV radiation
- (c) filtration
- (d) reverse osmosis

Q2. The Taj Mahal is being affected due to

- (a) noise pollution
- (b) air pollution
- (c) water pollution
- (d) soil pollution

Q3. Greenhouse gas is

- (a) nitrogen
- (b) methane
- (c) carbon dioxide
- (d) both (b) and (c)

Q4. Pollution of water is due to

- (a) oil refineries
- (b) paper factories
- (c) sugar mills
- (d) all of these

Q5. The percentage of nitrogen is

- (a) 21%
- (b) 78%
- (c) 12%
- (d) 87%

Q6. Chlorofluorocarbon is used in

- (a) refrigerators
- (b) air conditioners
- (c) aerosol sprays
- (d) all of these

Q7. Fill in the blanks with suitable word/s.

1. Water which is suitable for drinking is called \_\_\_\_\_ water.
2. \_\_\_\_\_ is one of the most famous rivers of India.
3. \_\_\_\_\_ % of the world's population is without safe drinking water.
4. \_\_\_\_\_ % of nitrogen is present in earth's atmosphere.
5. \_\_\_\_\_ are those kind of pollutants which are used in air conditioners and refrigerators.

Q8. Match the items given in column I suitably with those given in column II.

Column I	Column II
1. Methane	(a) Pollutants
2. Marble cancer	(b) Weedicides and pesticides
3. Agents that pollute	(c) Leads to degradation
4. Oxygen	(d) Corrosion of marble
5. Agricultural pollutants	(e) Greenhouse gas
6. Water suitable for drinking	(f) 21%
7. Pollution	(g) Potable water
8. Smoke + fog	(h) Caused by smog
9. Asthma	(i) Absorbed by CO <sub>2</sub>
10. Infrared radiation	(j) Smog

Q9. State whether the given statements are true or false.

1. CFC's are not used in refrigerators.

2. 78% of oxygen is present in earth's atmosphere.
3. Rapid growth of algae on the surface of water is known as algal bloom.
4. SO<sub>2</sub>, CO<sub>2</sub> and nitrogen oxides are polluting gases.
5. Infrared radiations are absorbed by oxygen.

Q10. Which of the following procedures will give you water free from all impurities?

- (a) Chlorine tablets
- (b) Boiling
- (c) Distillation
- (d) Filtration

Q11. What is global warming?

Q12. What is the role of activated charcoal in purification of water?

Q13. Name a greenhouse gas.

Q14. What do you mean by water pollution?

Q15. What is greenhouse effect?

Q16. What are the main causes of air pollution?

Q17. Write a short note on water pollution.

Q18. We should plant trees and nurture the ones already present in the neighbourhood. Why?

Q19. Why is it advised that industries should switch over to cleaner fuels such as CNG and LPG in the Taj Mahal Zone in Agra?

Q20. How can you prevent water pollution?