

Board – ICSE

Class – 10

Topic – Pollution

1. Fill in the blanks:

- (i) _____ is manmade compounds that have been widely used as refrigerants and in spray propellants and foam blowing.
- (ii) Drinking polluted water causes diseases like _____ and _____.
- (iii) Chemicals intended to kill insects and other organisms that damage crops called _____.
- (iv) Sewage is the source of Fresh Water pollution.

2. True or false. If false rewrite the wrong statement in its correct form:

- (i) The average home creates more pollution then the average car.
- (ii) Ozone in the Troposphere is a harmful pollutant.
- (iii) When air is polluted, you can always see and smell it.
- (iv) Acid precipitation is created by reactions in the atmosphere, and can fall many miles from where pollution originated.

3. Match the column:**Column A**

- (i) Melting of polar ice
- (ii) Greenhouse effect
- (iii) SPM

Column B

- (a) Add to greenhouse effect
- (b) Bronchitis & inflammation of the lungs
- (c) Rise in sea level

4. Multiple choice questions:**(i) Air pollution is caused by:**

- a) Insecticides
- b) Sewage
- c) Smoke
- d) Loud Speakers

(ii) If waste materials contaminate the source of drinking water which of the following diseases will spread?

- a) Scurvy
- b) Typhoid
- c) Malaria
- d) Anemia

(iii) Which is the poisonous gas contained in the exhaust of a petrol driven vehicle?

- a) Ammonia
- b) Carbon-monoxide
- c) Chlorine
- d) Carbon-dioxide

5. Give technical terms:

- (i) The gas which mainly contributes to causing acid rains.
- (ii) The chemical element which caused the minimata disease in Japan.
- (iii) The bio indicator of pollution.
- (iv) The limit of the noise when it can be said to be causing pollution.

6. Name the following:

- (i) The chemicals leading to the formation of ozone holes.
- (ii) A natural phenomenon that becomes harmful due to pollution.
- (iii) Bacteria breaking down dead organisms to liberate nitrogen.
- (iv) A free living bacteria which helps in nitrogen fixation.
- (v) Name one non-degradable pollutant.

7. Explain the terms:

- (i) Pollution
- (ii) Smog
- (iii) Decibel

8. Use of CFCs is banned in some countries. Give reasons.

9. It is advised to use electrostatic precipitators in the chimneys. Give reasons.

10. What is pollution?

11. How can we control air pollution?

12. What is water pollution?

13. What is acid rain?

14. Why is pollution prevention important?

15. List the cause of water pollution.

16. Is ozone depletion related to global warming?

17. Discuss in detail the process of ozone depletion.

18. What is Ozone?

19. What causes acidic deposition?

20. What are the effects of acid rain.