

India's Number 1 Education App

CHEMISTRY

BOOKS - ICSE

ATMOSPHERIC POLLUTION

Exercise 8 A

1. Define the following terms:

pollution



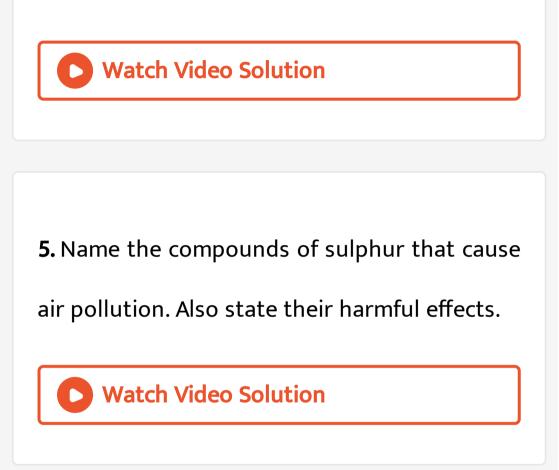
pollutant



3. Define the following terms:

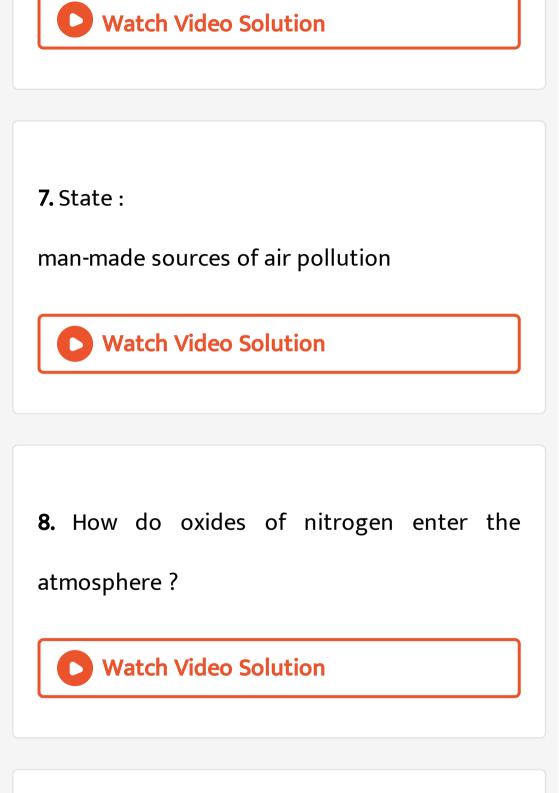
air pollution.

4. Name any four gaseous pollutants.



6. State :

natural sources of air pollution



9. What are harmful effects of oxides of nitrogen? Watch Video Solution 10. State the origin and health impact of smog. Watch Video Solution

11. What are the harmful effects of oxides of sulphur'?





12. State the main sources and effects of

carbon monoxide

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13. Give the mechanism of the action of carbon

monoxide.

14. How can we control carbon monoxide

poisoning?





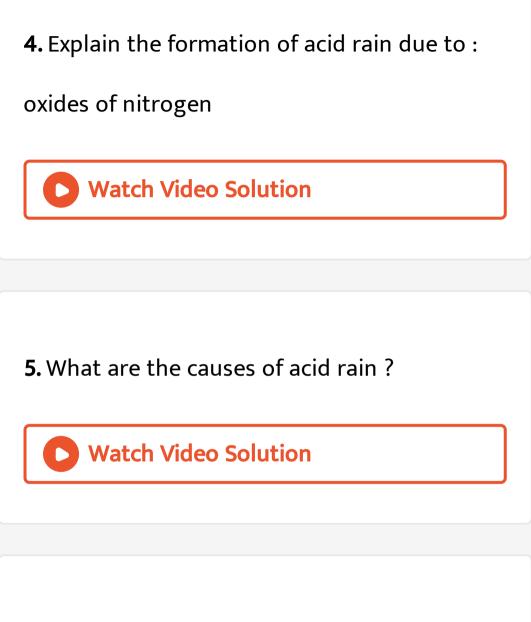
1. Why does rain water have pH less than 7?

2. pH of acid rain is sometimes as low as 2.Explain.

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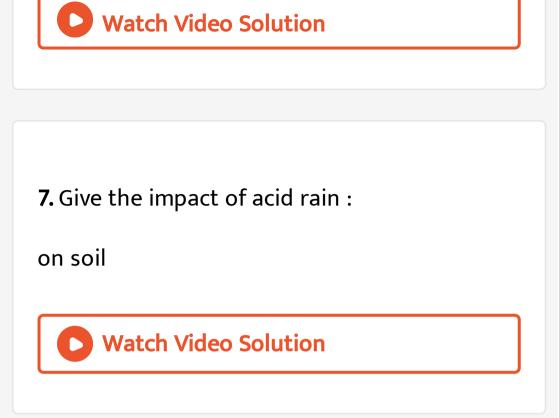
3. Explain the formation of acid rain due to :

oxides of sulphur



6. Give the impact of acid rain :

on plants



8. Give the impact of acid rain :

on water bodies.

9. How does a scrubber help in reducing the

formation of acid rain ?





1. What do you understand by Green House

effect?

2. What are green house gases. How are they

responsible for global warming ?



3. State the sources and effects of the

following gases:

Carbon dioxide

4. State the sources and effects of the following gases:Methane



5. State the sources and effects of the

following gases:

Water vapour

6. State the ways of reducing the presence of

green house gases.



7. State the effect of green house gases on the

temperature of earth's atmosphere.

8. State the role of a green house in growing

plants.



9. Our atmosphere acts as a green house.Explain.



10. How can we reduce global warming?

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Exercise 8 D

1. Study the picture given below and answer the following questions :



(i) Identify the type of pollution.

(ii) Name one pollutant that causes the above pollution.

(iii) Mention the impact of this pollution on human health.

(iv) State one measure to control this pollution.

(v) What is a 'Pollutant ? Explain the term.

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2. What is the effect of the following pollutants on living beings:



3. What is the effect of the following pollutants on living beings (one in each case)
Smoke particles

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4. What is the effect of the following pollutants on living beings (one in each case)



5. What is the effect of the following pollutants on living beings (one in each case) Mercury compounds

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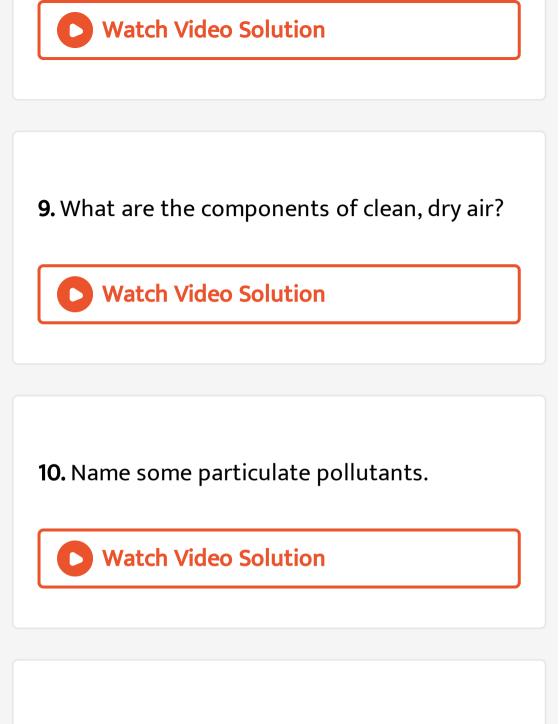
6. What is the effect of the following pollutants on living beings (one in each case)



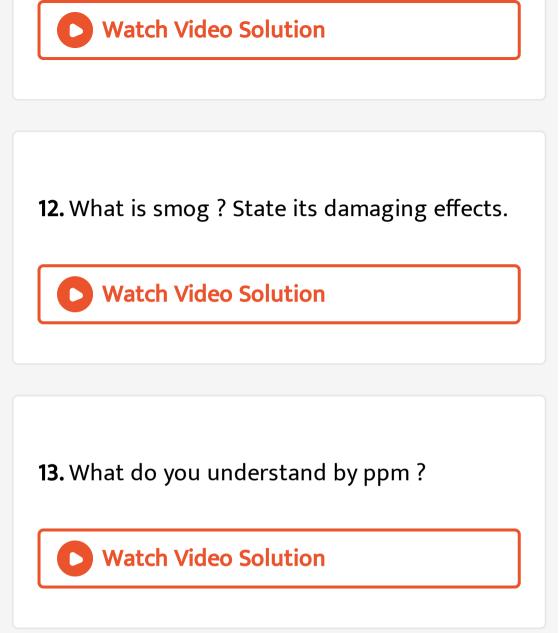
7. What is the effect of the following pollutants on living beings (one in each case) Nitrogen oxide

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8. What is air pollution? How does this pollution take place?



11. Why is cigarette-smoking harmful?



14. Describe the major air pollutants. How does carbon monoxide pollute our environment?

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15. How do you propose to control

 SO_x emission?

16. How do you propose to control

 SO_x emission?

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17. Give the composition, causes and affects of

acid rain



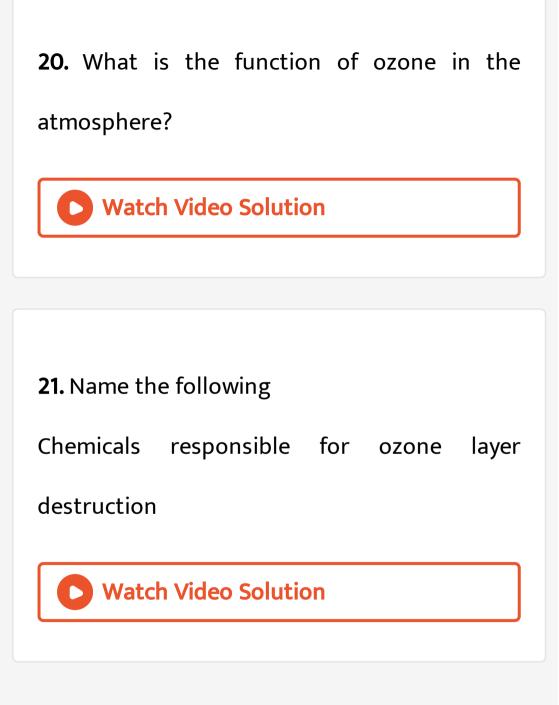
18. Explain the effect of sulphur dioxide on the

atmosphere

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19. Explain the formation of ozone in the atmosphere.





22. Name any two:

natural sources of atmospheric pollution.

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23. Name any two:

gases which are responsible for the formation

of acid rain.

24. Explain the term "global warming'. State two ways by which global warming can be reduced.



25. State two effects of ozone depletion.



26. What is the cause of acid rain? Give any

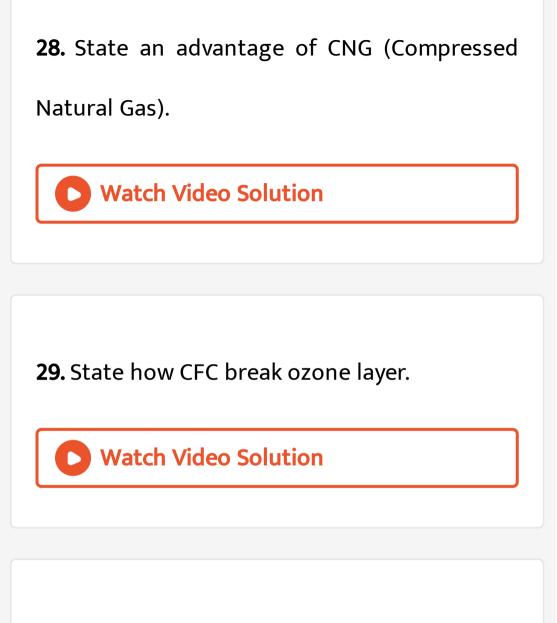
two impacts of acid rain.

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27. Explain the methods of preventing acid

rain.





30. Describe the methods of saving ozone

layer.



31. Fill in the blanks :

The pollutants such as NO_2, SO_2, SO_3

dissolved in the moisture of air are the cause

of.....

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32. Fill in the blanks :

Excessive release of carbon dioxide in the

atmosphere is the cause of Effect which

produces global warming.



33. Fill in the blanks :

Ozone layer prevents the harmful.....

radiation of the sun to reach the earth.

34. Fill in the blanks :

Decrese of the concentreation of ozone in the

stratosphere is the cause of formation of......

holes.

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35. Fill in the blanks :

Ozone depletion is mainly caused by the active...... atoms generated from CFC in the presence of UV radiation.



36. Select the correct answer :

Excessive release of carbon dioxide in the

atmosphere is the cause of

A. Depletion of ozone

B. formation of polar vartex

C. global warming

D. formation of smog

Answer:





37. Select the correct answer :

Inhalation of air polluted with carbon monoxide is dangerous because :

A. a

B.CO combines with haemoglobin of blood.

C. CO removes water from the body and causes dehydration.

D. CO causes coagulation of proteins in the

body

Answer:



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38. Select the correct answer :

Decrease of amount of ozone in stratosphere

is called depletion of ozone and it is caused by

A. UV radiations of sun

B. excessive use of detergents

C. burning coal and wood,

D. use of CFC compound

Answer: