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Class 7th

Subject Geography

### Chapter AIR

Read the following question and answer throughly and try to understand and Write down in your H.W.Copy.

#### Question 1.

Name the two gases which influence the atmosphere to a great extent.

Answer:

Two gases such as carbon dioxide and ozone influence the atmosphere to a large extent.

Their percentage in the atmosphere is as under:

Carbon dioxide 0.03%

Ozone 0.00006%

#### Question 2.

Describe the composition of the atmosphere.

Answer:

Composition of the Atmosphere:

The air we inhale while breathing is actually a mixture of numerous gases.

Nitrogen and oxygen are two gases which make up the most of the atmosphere.

Carbon dioxide, helium, ozone, argon and hydrogen are found in lesser quantities.

Tiny dust particles are also present in the air.

#### Question 3.

How is nitrogen present in atmosphere used by plants?

Answer:

Nitrogen is the most plentiful gas in the air.

Plants need nitrogen for their survival. They cannot take nitrogen directly from the air.

Bacteria in the soil or the roots fix nitrogen by changing its form so that plants can use it.

#### Question 4.

Which is the second most plentiful gas in the atmosphere?

Answer:

Oxygen is the second most plentiful gas in the atmosphere. Humans and animals use it for breathing. Green plants produce oxygen through photosynthesis and thus oxygen balance is

maintained in air. This gets disturbed if we cut trees.

Question 5.

Explain how the oxygen and carbon dioxide balance is maintained in air?

Answer:

Green plants use carbon dioxide to make their food and during this process release oxygen:

Humans and animals release carbon dioxide and take oxygen from air.

The amount of carbon dioxide released by them is equal to amount used by plants to make their food. Hence a balance is maintained.

But now the excess of carbon dioxide is released by burning of fuels. The reduction in number of plants upset the balance of gases like carbon dioxide affecting earth's weather and climate.

SUBJECT TEACHER

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