

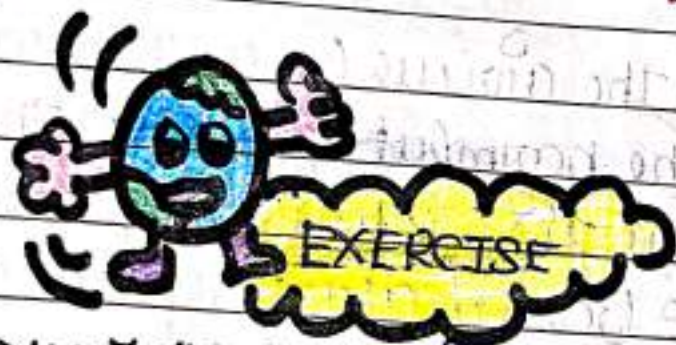
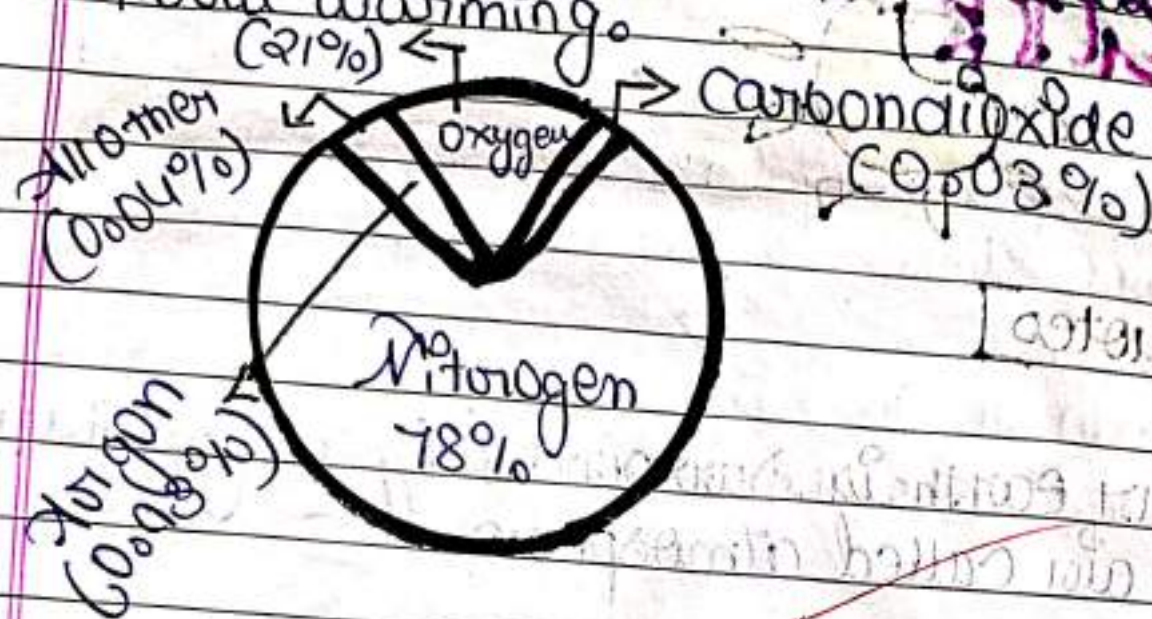
1.08.24



[notes]

- * Our earth is surrounded by a huge blanket of air called atmosphere.
- * It provide us the air we breathe and protects us from the harmful effects of the sun's rays. Without this blanket of protection, we would be baked alive by the heat of the sun during day and get frozen during night.
- * Carbon dioxide released on the atmosphere creates a green house effects by trapping the heat radiation from the earth. It is called Green house.
- * When its level in the atmosphere increases due to factory smoke. The heat radiation increases.

The temp. of the earth this is called Global warming.



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Answer the following questions.

1) What is atmosphere?
 → Our earth is surrounded by a huge blanket of air called Atmosphere.

2) Which two gases make the bulk of atmosphere?
 Two gases that make the bulk of air is Oxygen, Nitrogen.

c) Which gases create green house effect in the atmosphere?

→ Carbon dioxide made green house effect in the atmosphere.

d) What is weather?

→ Weather is the main part of the atmosphere and whether is the hour to hour day to day condition of the atmosphere.

e) Name the 3 types of rainfall?

→ The three types of rainfall are:

1) Cyclonic rainfall.

2) Orographic rainfall.

3) Conventional rainfall.

f) What is air pressure?

→ Air pressure is defined as the pressure exerted by the weight of air on the earth's surface.

Q2 Tick the correct answer:-

Q1 Which of the gases protect us from harmful sun rays?

→ Ozone.

ii) The most important layer of atmosphere.
→ Troposphere.

iii) Which layer of the atmosphere is free from clouds?

→ Stratosphere.

iv) As we go up the layer of the atmosphere, the pressure.
→ Decreases.

v) When participations comes down to the earth in the liquid form.
→ Rain.

Q3 Match the following:-

i) Trade winds - Permanent winds

ii) Loo - Local winds

iii) Monsoon - Seasonal winds

iv) Wind - Horizontal movement of air

Q4 Give Reasons

i) Wet clothes take longer time to dry on a humid day

→ On a humid day, evaporation from wet clothes take place slowly in the atmosphere due to low temperature. Hence wet clothes take longer time to dry on a humid day

ii) Amount of Insolation decreases from equator toward poles

→ Insolation is the incoming solar energy intercepted by the earth. Amount of insolation decreases from equator toward poles because sun rays falls vertically on the equator and slant on the poles

* Diagrams!

