

Name: _____ Date: _____

Air

Q1. What are the harmful effects arising from the greenhouse effect?

Ans.

Q2. Discuss the importance of stratosphere?

Ans.

Q3. What is the composition of the atmosphere?

Ans.

Air

Q1. What are the harmful effects arising from the greenhouse effect?

Ans. When its level in the atmosphere increases due to factory smoke or car fumes, the heat retained increases the temperature of the earth. This is called global warming. This rise in temperature causes the snow in coldest parts of the world to melt. As a result the sea level rises, causing floods in the coastal areas. There may be drastic changes in the climate of a place leading to extinction of some plants and animals in the long run.

Q2. Discuss the importance of stratosphere?

Ans. Importance of stratosphere

i. Above the troposphere lies the stratosphere. It extends up to a height of 50 km. This layer is almost free from clouds and associated weather phenomenon, making conditions most ideal for flying aeroplanes.

ii. One important feature of stratosphere is that it contains a layer of ozone gas which protects us from the harmful effect of the sun rays.

Q3. What is the composition of the atmosphere?

Ans. The air we take in while breathing is actually a mixture of many gases. Nitrogen (78%) and oxygen (21%) are two gases which make up the bulk of the atmosphere. Carbon dioxide (0.3%), helium, ozone, argon (0.93%) and hydrogen are found in lesser quantities. Apart from these gases, tiny dust particles are also present in the air. The pie chart gives you the percentage of different constituents of air.