

Welland Gouldsmith School  
Geography  
The Atmosphere  
Class - 7  
WORKSHEET

SYNOPSIS:-

- The Atmosphere is a mixture of gases mainly nitrogen and oxygen and also other gases in lesser percentage.
- Composition - nitrogen - 78%, oxygen - 21% and 1% other remaining gases.
- Usefulness of Atmosphere - acts as a shield around the earth.
- Major 4 layers are Troposphere, Stratosphere, Mesosphere and Thermosphere.
- Thermosphere has two parts - Ionosphere and Exosphere.
- The ozone layer protects the earth from all the ultraviolet rays of the sun.
- The Greenhouse effect is a natural warming process.
- There are many ways to reduce global warming.

1. Write the meanings : -

- a) Atmosphere
- b) Ultraviolet Radiations
- c) The Greenhouse Effect

2. Fill in the blanks :

- a. The earth is a ----- planet because it has the capacity to support -----.
- b. ----- and ----- help plant growth.
- c. The atmosphere of the earth can be divided into ----- major layers.
- d. The layer which reflects the ----- back to the earth.
- e. A large number of ----- have hit the moon and left deep scars on the surface of the -----.

3) Short questions :

- a) What is a molecule ?
- b) Give the composition of the atmosphere.

- c) why the atmosphere is so useful to living beings ? ( any 2 points)
  - d) Name the two parts of the Thermosphere.
  - e) Name the four major layers of the atmosphere of the earth.
  - f) Define the ozone layer.
  - g) What is the average height of Thermosphere ?
  - h) What is the full form of CFC ?
  - i) Define deforestation.
  - j) What is global warming ?
- 4) Answer the questions given in your  
Textbook on pages 25 and 26.  
Part A - nos 2, 5, 6, 7, 10  
Part B - nos 4 & 5
- 5) Draw a well labelled diagram of the  
structure of the Atmosphere on  
page 21 of your textbook..