

VIDYA BHAWAN, BALIKA VIDYAPITH

Shakti Utthan Ashram LAKHISARAI: 811311

Class: V

Sub.tec: Naina paswan

Subject: SCIENCE

Date : 20/10/21(Wednesday)

BASED ON N.C.E.R.T PATTERN

LESSON: 11 Air and water

PAGE: 92, CHECK YOURSELF

Ans 1: The atmosphere is comprised of layers based on temperature. These layers are the troposphere, stratosphere, mesosphere and thermosphere.

Ans 2: Troposphere

Ans 3: Gases in the atmosphere, such as carbon dioxide, trap heat similar to the glass roof of a greenhouse. These heat-trapping gases are called greenhouse gases. ... At night, Earth's surface cools,

releasing heat back into the air. But some of the heat is trapped by the greenhouse gases in the atmosphere.

Ans 4 : The importance of ozone is defined by the fact that it protects the earth from harmful ultraviolet rays from the sun. The ozone layer is found in the upper regions of the stratosphere where it protects the earth from the harmful ultraviolet rays of the sun. These radiations can cause skin cancer in humans.

CHECK YOURSELF

Ans 1: Air is mixture of nitrogen, oxygen, carbon dioxide, water vapour and a few other gases. Some dust particles may also be present in it.

Ans 2: Most living things need oxygen to survive. Oxygen helps organisms grow, reproduce, and turn food into energy. Humans get the oxygen they need by breathing through their nose and mouth into their lungs. Oxygen gives our cells the ability to break down food in order to get the energy we need to survive.

Ans 3: Vacuum is defined as the empty space in which there are no matter particles present. Sound cannot travel through vacuum as there is no particles present for vibrations to take place.

TO BE CONTINUE.....