



GEOGRAPHY

Class 7th

Chapter 4: AIR



To get notes visit our website

mukutclasses.in

Exercises

Que 1: Answer the following questions.

(i) What is atmosphere?

Ans: Our earth is surrounded by a huge blanket of air, that is called atmosphere. We all are depend on the atmosphere. The atmosphere have following layers:

- Troposphere.
- Stratosphere
- Mesosphere
- Thermosphere
- Exosphere

(ii) Which two gases make the bulk of the atmosphere?

Ans: Nitrogen and oxygen make the bulk of the atmosphere.

(iii) Which gas creates greenhouse effect in the atmosphere?

Ans: Carbon dioxide creates the greenhouse effect in the atmosphere.

(iv) What is weather ?

Ans: The conditions of the atmosphere from hour-to-hour and day to day is called weather. It can change from day to night.

(v) Name three types of rainfall?

Ans: Three types of rainfall are:

- Convectional rainfall
- Orographic rainfall
- Cyclonic rainfall

(vi) What is air pressure?

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

Que 2: Tick the correct answer.

(1) Which of the following gases protects us from harmful sun rays?

(a) Carbon dioxide (b) Nitrogen. (c) Ozone

Ans: (c) Ozone

(ii) The most important layer of the atmosphere is

(a) Troposphere (b) Thermosphere. (c) Mesosphere

Ans: (a) Troposphere

(iii) Which of the following layers of the atmosphere is free from clouds?

(a) Troposphere. (b) Stratosphere. (c) Mesosphere

Ans: (b) Stratosphere

(iv) As we go up the layers of the atmosphere, the pressure

(a) Increases. (b) Decreases. (c) Remains the same

Ans: (b) Decreases

(v) When precipitation comes down to the earth in the liquid form, it is called

(a) Cloud. (b) Rain. (c) Snow

Ans: (b) Rain

Que 3: Match the following

- | | |
|---|--|
| (i) Trade Winds
(ii) Loo
(iii) Monsoon
(iv) Wind | (a) Incoming solar energy
(b) Seasonal wind
(c) Horizontal movement of Air
(d) Layer of ozone gas
(e) Permanent wind
(f) Local wind |
|---|--|

Ans 3:

- | | |
|---|---|
| (i) Trade Winds
(ii) Loo
(iii) Monsoon
(iv) Wind | (e) Permanent wind
(f) Local wind
(b) Seasonal wind
(c) Horizontal movement of Air |
|---|---|

Que 4: Give reasons.

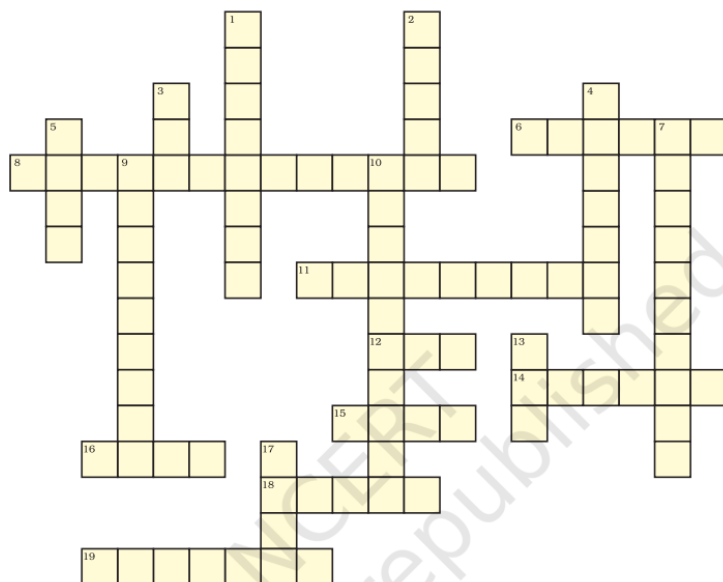
(i) Wet clothes take longer time to dry on a humid day?

Ans: This happens because on a humid day, there is more water in air than on a sunny day. So, air can not soak water from wet clothes.

(ii) Amount of insolation decreases from equator towards poles?

Ans: Because sun rays fall vertically on the equator while leaning on the poles.

Que 5: For fun. Solve this Crossword puzzle with the help of given clues:



Across	Down
6. An Indian tree having extraordinary quality of providing oxygen round the clock 8. Gas present in atmosphere occupying only 0.03% by volume 11. Outermost layer of atmosphere 12. Mixture of many gases 14. Life giving gas 15. Air in motion 16. An indian tree valued highly for medicinal properties 18. Gas protecting us from harmful sunrays	1. Amount of water vapour in air 2. Condensation of water vapours around dust particles in atmosphere 3. Example of local wind blowing in summer in northern india 4. Short term changes in atmosphere 5. Precipitation in liquid form 7. Blanket of air around the earth 9. Instrument to measure pressure 10. Incoming solar radiation

19. Low pressure area

13. Reduces visibility in winters

17. It is..... time when sun is overhead

Ans.: 1.Humidity 2.Cloud 3. Loo 4.Weather
5.Rain 6. Peepal. 7.Atmosphere 8. Carbon dioxide
9. Barometer 10. Insolation 11. Exosphere 12. Air
13. Fog 14. Oxygen 15. Wind 16. Neem
17. Noon 18. Ozone 19. Cyclone



MUKUTclasses