



The Atmosphere

Grade 7

Worksheet 1

Date:

I. Fill in the blanks:

1. The ____ contains the gases which sustain life on this planet.
2. The ____ is free of clouds.
3. As we go up the layers of the atmosphere, the temperature ____.
4. When clouds condense and fall down in liquid form, it is called ____.
5. As we go up from the surface of the Earth, the air pressure gradually ____.
6. ____ contains most of the clouds, weather, air planes, and air currents in the Earth's atmosphere.
7. ____ has the ozone layer.
8. The coldest layer in the atmosphere is ____.
9. The ____ is the uppermost layer of the atmosphere. This is where atoms and molecules escape Earth's gravity into space.

II. State true and false:

1. Bulk of the atmosphere is made from 78% nitrogen and 21% oxygen.
2. The atmosphere provides protection to the earth and sustains life on the planet.
3. Weather changes on an hourly basis.
4. Air pressure exerts pressure on the moon.

III. Match the following:

s.no	Column A	Column B
1.	Trade winds	Seasonal wind
2.	Monsoon	Horizontal movement of air
3.	Winds	Local wind
4.	Loo	Permanent wind

IV. Choose the correct option:

1. _____ protects from the harmful sun rays.

- a) Carbon dioxide b) Ozone c) Nitrogen d) Oxygen

2. _____ is the most important layer of the earth.

- a) Thermosphere b) Troposphere c) Mesosphere d) Stratosphere

V. Write the meaning.

1. Atmosphere
2. Ultraviolet Radiations
3. The Greenhouse Effect

The Hydrosphere

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I. Choose the correct option.

1. The upper limit of groundwater is called_____.

(water table/water cycle)

2. _____ does not let the water seep into the ground, hence, the ground water level goes down.

(polythene/fresh water).

3. All the three states of water are _____ with the change in temperature (reversible//irreversible)

4. _____ are one of the traditional ways of collecting rain water (Bawris/infiltration)

5. The wise and judicious use of water is called as _____ of water (conservation/protection)

II. Fill in the blanks

1. The main source of freshwater is _____.

2. _____ of the total amount of water is available to us for use.

3. A large chunk of ice that moves like a river over the surface of the land is called _____.

4. The process by which water from water bodies rises up in the form of vapour is called _____.

5. Water that can be safely used for human consumption is called _____.

6. A majority of farmers in India depend on _____ for irrigation of their crops.

7. Water table is known as _____.

8. The groundwater stored between the hard rock layers is known as _____.

9. _____ minimises the amount of water required for growing crops.

10. Transpiration turns water into a _____ state.

11. _____ can be done by collecting rainwater from rooftops and storing it in tanks.

12. _____ constructed in villages of Rajasthan have raised the water levels in the region.

Answers: (i) rain (ii) Less than 2% (iii) Glacier (iv) evaporation (v) potable water (vi) Rain water (vii) surface of groundwater (viii) aquifer (ix) Drip irrigation (x) gaseous (xi) Rainwater harvesting (xii) Check dams

III.State whether the following statements are True or False. If false, write the correct statement.

1.Water vapour is the gaseous form of water.

2.Ice is solid whereas snow is the semi-solid form of water.

3. Ocean water cannot be used for domestic purposes.

4. Rapid growth of industries is one of the causes for water shortage.

IV. Unscramble the below Jumbled word

1. RIITNTAONIFL

2. RRAHCGEE

3. LDNPIETEO

4. TWOAUNRDER

V.Short Answer type Questions

1. Name two methods of rainwater harvesting? What are its benefits?

2. Mention four ways of water management.

3. Name the state of water?

4. What are renewable resources?

5. Why is World Water Day celebrated?