



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, Ballygunge Circular Rd, Kolkata- 700019



Term: Second

Sub : Science

Class : 4

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Lesson: Air, water and Weather

Answer Worksheet- 17

1. Fill in the blanks.

- Filtration** is the process of removing light, solid impurities through a filter.
- Water is found in **three** forms.
- The hotter the day, the greater is the **evaporation**.
- Boiling water for about **10 minutes** kills the germs and makes water safe for drinking.
- The thick layer of air that surrounds the earth is called the **atmosphere**.
- Rain** occurs because of evaporation and condensation of water in nature.
- In winter, water vapour condenses on the dust **particles** close to the ground and forms **fog**.
- Warm** air is light and rises up.
- Air** is present all around us.
- Water droplets cling together to form **clouds**.

2. Name the following.

- It protects us from the harmful rays of the sun: - **Atmosphere**
- It cleans the water by removing impurities from it and killing the harmful germs: - **Water Filters**
- On cold mornings, we can see this on plants, leaves and grass: - **Dew drops**
- It is a mixture of gases: - **Air**
- When the wind blows from the land towards the sea at night, it is called: - **Land breeze**

3. Answer in one or two sentences.

- a. What is sedimentation?

Ans: The process by which heavy, insoluble particles in a solution settle down at the bottom of the container is called sedimentation.

- b. How are clouds formed?

Ans: When the water vapour rises up into the air, it cools down and condenses into tiny droplets of water. These droplets cling on to one another and form clouds.

- c. What is groundwater?

Ans: Some rainwater seeps into the soil and collects under the ground. This water is known as groundwater.

- d. What is water cycle?

Ans: The continuous movement of water between the earth's surface and the atmosphere is called the water cycle.

- e. Is the water from water bodies safe for drinking?

Ans: No, water from water bodies is not safe for drinking because they contain germs, soluble and insoluble impurities.

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