



1. Fill in the blanks.

- Air is a mixture of gases such as **nitrogen, oxygen** and **carbon dioxide**.
- At night, the land **cools** faster than the sea.
- The atmosphere protects us from the **harmful rays** of the sun.
- We use water everyday for many activities such as **drinking, bathing** washing, cleaning and **watering** plants.
- Water is made safe for drinking by **boiling**.

2. Underline the correct answer:-

- In winter, water vapour condenses on the dust particles close to the ground and forms- (frost / **fog**)
- The water vapour condenses and falls to the ground in the form of tiny droplets of water- (**rain** / dew drops)
- On very cold nights, water vapour freezes on cold objects into ice crystals. This is called- (snow / **frost**)
- On cold mornings, water vapour condenses on surfaces of plants, leaves and grass in the form of- (**dew drops** / rain)
- In very cold places, water droplets freeze and form- (frost / **snow**)

3. Name the following :-

- It is one of the major sources of water- **Rain**
- The process in which the impurities in water are removed by passing it through a filter- **Filtration**
- The pouring out of water from one container to another without disturbing the sediments- **Decantation**
- It is present all around us- **Air**
- It is the form into which a liquid changes on heating- **Water vapour**

4. Answer in one or two sentences-

- What are the factors that speed up evaporation?

Ans. The factors that speed up evaporation are the sun's heat, bigger exposed surface and wind.

- What are the different ways we can make water safe for drinking?

Ans: The different ways we can make water safe for drinking is by boiling, chlorination and using water filters.

- How can we remove the insoluble impurities from water?

Ans: We can remove the insoluble impurities from water by sedimentation, decantation and filtration.

- What makes the rain water dirty?

Ans: The poisonous gases released by vehicles and factories get mixed with the rain and make it dirty.

- What is the difference between soluble impurities and insoluble impurities?

Ans: Soluble impurities are substances that dissolve in water and insoluble impurities are substances that do not dissolve in water.