

Name: _____ Date: _____

Air Around us

Q1. Write four properties of the air.

Ans. _____

Q2. During an incident of fire, one is advised to wrap a woolen blanket over a burning object. Explain why?

Ans. _____

Q3. How will you show that air is dissolved in water?

Ans. _____

Q4. How do organisms living under the soil get air for respiration?

Ans. _____

Air Around us

Q1. Write four properties of the air.

Ans. Properties of the air

- i. Air is invisible.
- ii. Air occupies space.
- iii. Air is transparent.
- iv. Air has no color.

Q2. During an incident of fire, one is advised to wrap a woolen blanket over a burning object. Explain why?

Ans. During an incident of fire, one is advised to wrap a woolen blanket over a burning object because air gaps in woolen blanket act as an insulating medium which cuts the supply of oxygen to the object that is burning thereby prevent it from further burning.

Q3. How will you show that air is dissolved in water?

Ans. Take some water in a glass vessel or beaker. Heat it slowly on a tripod stand. Well before the water begins to boil, we see tiny bubbles at the inner surface of the vessel. These bubbles come from the air dissolved in water. This proves that air is dissolved in water.

Q4. How do organisms living under the soil get air for respiration?

Ans. The organisms which are living under the soil such as in the roots of a plant respire by taking oxygen present in the soil. Some organisms make deep burrows and holes in the soil through which the air reaches them for respiration.