



BCM SCHOOL
BASANT AVENUE, DUGRI ROAD, LUDHIANA
Class VI SCIENCE
Assignment

Tick the correct option

1. (ii) Student 2

2.(b) deposition of water droplets over outside surface of glass tumbler

3. (c) Infrared thermometer

4. (a) Both A and R are true and R is the correct explanation of A.

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6. Water vapour from the air comes in contact with the cold surface of the glass tumbler and gets converted into water droplets on the glass tumbler through condensation. There is an increase in the reading on the digital weighing balance.

7. Water gets absorbed by the soil on the playground. It also evaporates.

8. The water on a plate will evaporate faster as its area exposed to air is larger

9. Non-contact thermometers, or infrared thermometers, measure temperature from a distance using infrared sensors. They reduce the risk of spreading infections and are particularly useful in medical settings for quick, safe temperature checks.

10. Case Study

1. The phenomenon responsible for the disappearance of hand sanitizer when rubbed on hands is evaporation.

2. The scientific principle behind using earthen pots made of sand and clay in summers is evaporative cooling. The porous earthen pot allows water to seep out and evaporate, taking heat away and keeping the water inside cool .

3. Clothes dry faster on a sunny and windy day because *heat from the sun increases the rate of evaporation, and the wind helps by carrying away the water vapour, so the clothes dry quicker.