



**Give reasons:**

1. A gas fills completely the vessel in which it is kept.
2. A gas exerts pressure on the walls of the container.
3. We can easily move our hand in air but to do the same through a solid (block of wood or brick) we need a karate expert.
4. Why does a desert cooler cool better on a hot dry day ?
5. How does the water kept in an earthen pot become cool during summer?
6. Why does our palm feel cold when we put some acetone or petrol or perfume on it ?
7. Why are we able to sip hot tea or milk from a saucer rather than a cup?
8. The smell of hot sizzling food reaches you several meters away, but to get the smell from cold food you have to go closer.
9. A diver is able to cut through water in a swimming pool.
10. Naphthalene balls disappear with time without leaving any solid.
11. Water is liquid at room temperature.
12. An iron almirah solid at room temperature.
13. Why it takes longer to dry wet clothes in humid weather ?
14. Spreading of wet clothes quicken their drying?
15. Steam produces more severe burns as compared to boiling water.
16. People sprinkle water on open ground or roof on a hot day.
17. Camphor disappears without leaving any residue.
18. We wear cotton clothes in summer.
19. We see water droplets of water on the outer surface of a glass containing ice cold water.
20. Ice at 0 degree Celsius appears colder to the mouth than water at 0 degree Celsius . Why?