



# CHEMISTRY

## NCERT - NCERT Chemistry(Malayalam)

### PROPERTIES OF MATTER

Let Us Assess

1. A few mixtures are given below. Tabulate the methods to separate their components and

give the reasons for selecting the method

Mixture	Method	Reason
Common salt and ammonium chloride		
Sugar solution		
Petrol and Kerosene		
Camphor and glass powder		
Iron powder and sand		



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2. Given below are certain changes taking place to the particles during change of state. From this, find out and tabulate the changes in the particles when water boils to form steam and also when steam condenses to

form water.

distance increases

attractive force decreases

energy increases

rate of movement increases

distance decreases

energy decreases

attractive force increases

rate of movement decreases



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3. Spirit kept open in a watch glass disappears after some time. Which among the following phenomena are responsible for this?

A. sublimation

B. distillation

C. evaporation

D. diffusion

**Answer:**



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4. Which are the methods that can be used to separate the components of a mixture made of common salt, ammonium chloride and sand?

Write the methods in the order in which they are applied



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5. Many minerals are present in ordinary water  
Which is the method that can be used to

remove the minerals and obtain pure water?



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**6.** Many minerals are present in ordinary water.

Distillation is the method that can be used to remove the minerals and obtain pure water.

In which type of mixtures is this method employed?



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7. Many minerals are present in ordinary water.

Distillation is the method that can be used to remove the minerals and obtain pure water.

Water purified by this method is distilled water Write two instances of its use.



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8. From the following statements, tick ( ) those which apply to solid substances alone.

A. Particles have little freedom of movement.

B. Distance between particles is very high

C. Particles remain very close to each other

D. Energy of particles is very high

**Answer:**



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