



CHEMISTRY

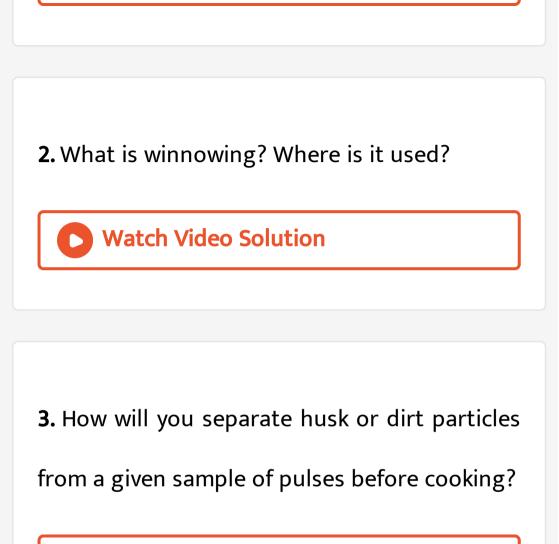
NCERT - NCERT Chemistry(HINGLISH)

SEPARATION OF SUBSTANCES

Questions

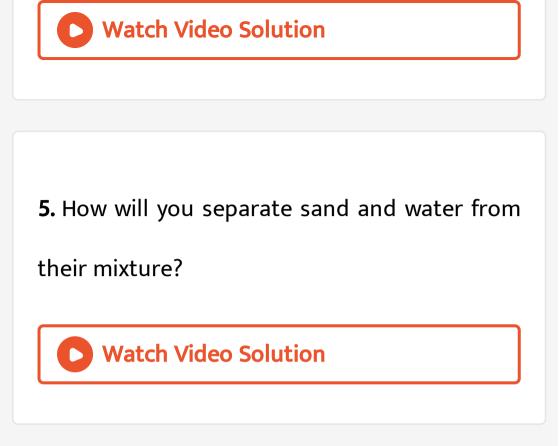
1. Why do we need to separate different

components of a mixture? Give two examples.





4. What is sieving? Where is it used?



6. Is it possible to separate sugar mixed with

wheat flour? If yes, how will you do it?

7. How would you obtain clear water from a

sample of muddy water?

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8. The method of separating seeds of paddy

from its stalks is called _____.

9. When milk, cooled after boiling, is poured onto a piece of cloth the cream (malai) is left behind on it. This process of separating cream from milk is an example of _____.
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10. Salt is obtained from seawater by the

process of _____.

11. Impurities settled at the bottom when muddy water was kept overnight in a bucket. The clear water was then poured off from the top. The process of separation used in this example is called ______.

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12. A mixture of milk and water can be separated by filtration.

(True / False)

13. A mixture of powdered salt and sugar can

be separated by the process of winnowing.



14. Separation of sugar from tea can be done

with filtration.

15. Grain and husk can be separated with the

process of decantation.

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16. Lemonade is prepared by mixing lemon juice and sugar in water. You wish to add ice to cool it. Should you add ice to the lemonade before or after dissolving sugar? In which case would it be possible to dissolve more sugar?



