

CLASS-6 TERM- II (2013-14)
SCIENCE ASSIGNMENT
SEPARATION OF SUBSTANCES

1. Why do we need to separate the different components of a mixture?
2. Fill in the blanks:
 - a) _____ and _____ can be used for separating insoluble solid from a liquid.
 - b) _____ is used to separate stones and pebbles.
 - c) Grains and husk can be separated using _____.
3. What is threshing? Discuss two ways in which threshing is commonly done.
4. What is winnowing? How is it done?
5. What is hand picking?
6. Define a saturated solution. How would you make a saturated solution?
7. Describe briefly how salt is collected from sea water.
8. Name the method which can be used to separate fine suspended matter from liquids.
9. Explain the term : Magnetic separation.
10. State true or false:
 - a) Crystals are formed when a saturated solution is heated.
 - b) The conversion of water vapour into liquid water by cooling is known as condensation.
 - c) Small stone chips can be removed from rice by sieving.
11. How is scrap iron separated from a heap of waste materials in factories?
12. How will you obtain clear water from a sample of muddy water?
13. Name the process by which water is separated from rice and pulses after washing them.
14. How will you separate a mixture of sugar and sand?
15. Which of the two will dissolve more sugar: cold water or warm water? Why?