BHARATH COACHING CENTRE

6th CBSE	Separation of Substances	Total: 31
Science		Time: 1.30 hrs

SECTION – A   10 × 1 = 10

Fill in the blanks

1. More substance can be dissolved in a solution by _____ it.
2. _____ and _____ are separation techniques used in agriculture.
3. Paneer (cottage cheese) is separated from milk by the process of _____
4. When no more solute can be dissolved in a solvent the solution is said to be _____

Match

5. Separate stones from rice   -   Threshing
6. Used in construction site   -   Winnowing
7. Separate husk from grains   -   Sieving
8. Separate grain from stalk   -   Filtration
9. Separate tea leaves from tea   -   Handpicking

SECTION – B   5 × 2 = 10

10. What two methods use weight of substance to separate them?
11. How is salt obtained from salt water?
12. What are the two separation techniques which make use of weight of the substances?
13. Lemonade is prepared by mixing lemon juice and sugar in water. Should you add ice to the lemonade before or after dissolving sugar? In which case would it be possible to dissolve more sugar?
14. Why is sieving of wheat not advisable?

SECTION – C   2 × 3 = 6

15. Why do we need to separated substances? Give two examples.
16. What is evaporation and condensation?

SECTION – D   1 × 5 = 5

17. How will you separate mixture of sand and salt? Explain in detail.