

CHEMISTRY WORKSHEET

CLASS 6 SEPARATION OF SUBSTANCES

FILL IN THE BLANKS

1. Common salt can be separated from sea water by _____
2. The process of pouring out the clear upper liquid without disturbing the sediments is called _____
3. The mixture of solute and solvent is called _____
4. Insoluble impurities in water can be removed by _____
5. The process of separating solid by hand is _____
6. The process of separating grains from husk is called _____
7. The process of separating grain from the stalk by hitting them against hard _____ surface is _____

NAME THE FOLLOWING

1. The liquid above the sediments.
2. The process in which gas changes into liquid.
3. The process in which liquid changes into water.
4. A solution which cannot dissolve more of a given temperature.
5. A metal plate with holes, used for separating solid particles of different size.
6. The process of increasing the rate of sedimentation in a suspension by adding chemicals.

MATCH THE FOLLOWING

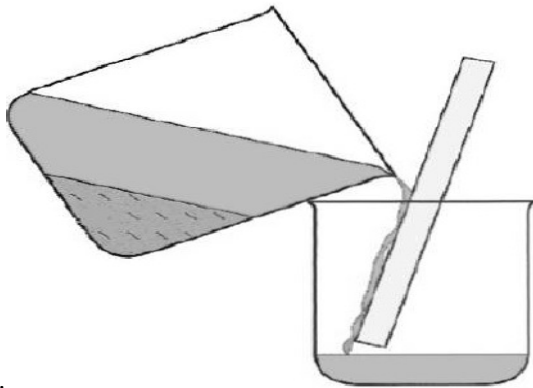
Column 1	Column 2
Salt mixed with water	sieving
Iron powder mixed with floor	handpicking
Ladies finger mixed with floor	magnet
Rice flour mixed with kidney beans	Evaporation

ANSWER THE FOLLOWING QUESTIONS

1. How can you increase solubility of a solid?
2. Write the difference between sedimentation and decantation? Explain the activity?
3. What is mean by saturated solution?
4. How will you obtain clear water from the muddy water, if you are provided with two glass tumblers and no other equipment? Explain the process behind it ?
5. Identify the different methods of separation ?



A.



B.



C.



D.
