



SCIENCE CH:3 SEPARATION OF SUBSTANCES

Name: -----

Date: -----

Class VI Sec: -----

I. Choose the correct answer.

1. Iron filings from sand can be separated by
 - a. sieving
 - b. magnet
 - c. filtration
 - d. burning
2. Sedimentation is followed by
 - a. decantation
 - b. evaporation
 - c. threshing
 - d. winnowing
3. Method of separation of grains from stalks is called
 - a. handpicking
 - b. winnowing
 - c. threshing
 - d. sieving
4. When no more salt dissolves in water at a particular temperature then the solution at that temperature is called
 - a. unsaturated
 - b. saturated
 - c. salty
 - d. decanted
5. Cream is separated from milk by
 - a. churning
 - b. evaporation
 - c. condensation
 - d. filtration
6. Four mixtures are given below.
 - (i) Kidney beans and chick peas
 - (ii) Pulses and rice
 - (iii) Rice flakes and corn
 - (iv) Potato wafers and biscuitsWhich of these can be separated by the method of winnowing?
 - (a) (i) and (ii)
 - (b) (ii) and (iii)
 - (c) (i) and (iii)
 - (d) (iii) and (iv)

II Fill in the blanks

1. Small pieces of stone can be removed from rice by_____.
2. _____ are obtained from stalks by threshing.
3. Husk from wheat flour is generally removed by_____.
4. The process of settling of heavier particles is called_____.



III Match the mixtures in column I with their method of separation in column II

Column 1		Column II	
(a)	Oil mixed in water	(i)	Sieving
(b)	Iron powder mixed with flour	(ii)	Hand picking
(c)	Salt mixed with water	(iii)	Decantation
(d)	Lady's finger mixed with french beans	(iv)	Magnet
(e)	Rice flour mixed with kidney beans	(v)	Evaporation

IV Identify the solute and solvent:

- (i) salt water-----
 (ii) (ii) soda-----

V. Answer in a word from the hints given below:

1. Process of separation of stones from rice -
2. Process of conversion of water into vapour -
3. Process of removing husk from grain -
4. Separating grain from stalk -
5. Liquid collected after filtration -
6. Separating butter from curd -
7. Separating chillies from pulao -
8. Separating Oil mixed with water-
9. Separating salt mixed with water -
- 10 Separating iron powder mixed with flour -