

ST THOMAS SCHOOL INDIRAPURAM

CLASS VI SCIENCE

WORKSHEET -4

CHAPTER 5 SEPARATION OF SUBSTANCES

I CHOOSE THE CORRECT OPTION

1. Which of the following is soluble in water?

- A) Chalk            B) Sugar            C) Sand            D) Wood

2. Condensation takes place only when

- A) Water is cooled    B) Water vapour hits a cold surface    C) Water is heated    D) Water hits on a hot surface

3. Winnowing is used to separate the grain from the

- A) Solvent            B) Stalk            C) Sediment            D) Husk

II WRITE ONE WORD

1. I am used when two components of a mixture have different particle sizes.

2. I am generally used to facilitate sedimentation.

3. I am a process to separate leaves from prepared tea.

4. I pick out only iron filings from a mixture.

III Define the following

- A. Threshing    B. Winnowing    C. Filtration

IV ANSWER THE FOLLOWING QUESTIONS

1. Differentiate between sedimentation and decantation.

2. Why is it not advisable to sieve wheat flour?

3. Explain the method to obtain clear water from a sample of muddy water. Draw related Diagram.

4. What is a saturated solution? Explain the methods to increase the solubility of a substance in its solution.

