



ASSIGNMENT NO. 4

SUBJECT: SCIENCE

CLASS-VI

OCTOBER '2026

Chapter-8: A Journey through States of Water

Answer the following questions :

1. How can we turn candle wax into liquid state? How can we change the liquid wax back into solid state?
2. Compare the properties of ice, liquid water and water vapour
3. State the name of the process for each of the following
 - i) Water drops appear on the outer surface of a glass containing cold water.
 - ii) Steam rising from wet clothes while they are ironed.
 - iii) Fog appearing on a cold winter morning.
 - iv) Blackboard dries up after wiping it.
 - v) Steam rising from a hot pan when water is sprinkled on it.
4. How are clouds formed and what causes rain?
5. Mention few conditions that affect the process of evaporation.
6. Define humidity. What is the relation between humidity and evaporation of water?
7. Which of the two - water in an earthen pot or water in a stainless-steel pot will give cold water after being left for some time?why?

Chapter-9: Methods of separation in everyday life.

Answer the following questions :

1. What is the use of a sieve in the process of sieving?
2. What is threshing? How is it done?
3. Mention the methods that can be used for the separation of the following mixtures:
 - (i) wheat, sugar and husk
 - (ii) rice, gram and iron fillings
 - (iii) sand, black gram (urad) and husk.
4. Explain the conditions of handpicking and winnowing?
5. Define churning. How churning is different from magnetic separation?
6. Differentiate between Decantation and Filtration?
7. Explain the process of separation of sand from water.