

# FORMATIVE ASSESSMENT – 1

Set-2

## CHAPTERS - 1, 2

**Subject:-** Physical Science

**Class:-** X

**Time :-**45 Minutes

**Max.Marks:-** 20

**I. Answer the following Questions. Each question carries FOUR marks 2x4 = 8M**

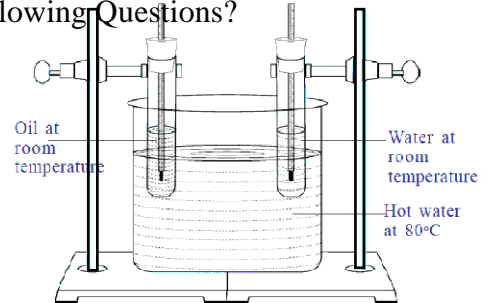
1. Observe carefully the following activity done by you and answer the following Questions?

i). The rate of rise in temperature of these two substances are same?

ii). In which test tube does the temperature rise quickly?

iii). Are the amounts of heat given to the water and oil same?

How can you assume this?



2. Conduct an activity to show that heat energy is required for the decomposition of some chemical substances?

**II. Answer the following Questions. Each question carries TWO marks 2x2 = 4M**

3. Raji was unable to differentiate between the evaporation and boiling? What questions could you ask him to differentiate between evaporation and boiling?

4. Write the types of reactions in the following?

i). Reaction between lead nitrate and potassium iodide?

ii). Rusting of iron.

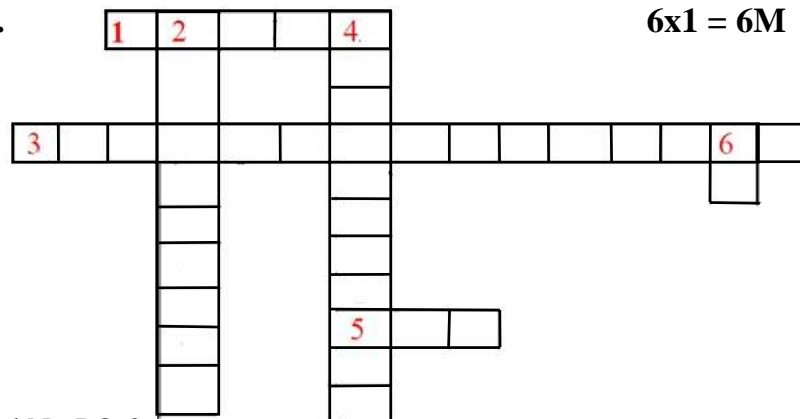
**III. Answer the following Questions. Each question carries ONE marks 2x1 = 2M**

5. Give some examples of substances which are in solid state during winter season?

6. What is the colour of the silver bromide when exposed to air?

**IV. Complete the following puzzle.**

**6x1 = 6M**



**Across**

1. S.I unit of a heat?

3. Name of the compound  $\text{Na}_2\text{PO}_4$ ?

5. Which one has a more volume ice and water?(same volume of water frozen)

**Down**

2. Spoilage of food item is \_\_\_\_ reaction.

4. Reverse process of condensation?

6. Name the vitamins used as preservatives?

**ALL THE BEST**