



LESSON: WATER – A WONDERFUL LIQUID

WORKSHEET

RESOURCE PERSON: Mrs. Sagaya Mary

NAME: \_\_\_\_\_ CLASS: V SEC: \_\_\_\_\_ DATE: \_\_\_\_\_

**Q 1. The picture below shows a candy being dissolved in water. Study the picture and answer the questions that follow it.**



a) What does the letter X, Y and Z represent? Choose the correct word and fill in the blanks.  
(Solution/ solute/solvent)

X: \_\_\_\_\_ Y: \_\_\_\_\_ Z: \_\_\_\_\_

**Q2. Which of the following is an example of a solution? Tick the correct option.**

- a) Sand and rocks
- b) Sugar and water
- c) Salt and pepper
- d) Oil and water

**Q 3. State whether the following statements are true or false. Write the correct version for the false statement.**

a) Washing soda is soluble in water.

Ans: \_\_\_\_\_

b) Substances lighter than water sink in water.

Ans: \_\_\_\_\_

c) Plants and animals living in water use carbon dioxide gas dissolved in water.

Ans: \_\_\_\_\_

d) Iron nail sink in water as iron is heavier than water.

Ans: \_\_\_\_\_

**Q 4. Fill in the blanks:**

- i) A \_\_\_\_\_ has no fixed shape. (solid/liquid)
- ii) Liquids flow from a \_\_\_\_\_ (higher/lower) level to a \_\_\_\_\_ (higher/lower) level.
- iii) Potassium permanganate is \_\_\_\_\_ (soluble/insoluble) in water.
- iv) Kerosene and water mixed together is an example of \_\_\_\_\_(miscible/immiscible) liquids.

**Q 5. Give appropriate reason for the following statements:**

a) Measuring vessels used in a science laboratory are made of transparent glass.

Ans: \_\_\_\_\_

b) Liquids have no fixed shape.

Ans: \_\_\_\_\_

c) A piece of wood will float on water.

Ans: \_\_\_\_\_

d) Water has a fixed volume.

Ans: \_\_\_\_\_

**Q 6. Riya was watching the fishes swimming under water in a pond outside her house. She wondered how these fishes could breathe under water. She asked her father about it. What explanation do you think father gave Riya?**

Ans:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

