

Kusugal Road, Hubballi Ph: 0836-2002275

(Proposed ICSE Board )

---

**Chapter-9****Topic: Some properties of water.****GRADE:3****Subject: Science****1. New worde:****1. Water****2. Properties****3. Solute****4.Solvent****5. Tasteless****6. Colourless****7. Heating****8. Cooling****9. Solution****10. Mixture****11. Transparent****2. Short answer questions.****Q1. Name the three states in which water exist.****Ans : The three states in which water exists are:**

- 1. Solid (Ice).      2. Liquid (Water).      3. Gases(Water Vapour)**

**Q2. What happens when we cool water?****Ans: When water cools down it changes into ice.****Q3. Give two examples each of solute and solvent.****Ans: Solute: Sugar, Salt****Solvent: Water, Oil**

**Q4. State two conditions that affect the making of a solution?**

**Ans:** The two conditions that affect the making of a solution are:

1. Stirring
2. Heating

**Q5. Why does the ice cube float on the surface of water?**

**Ans:** An ice cube float on the surface of water because objects ( ice cube) that is lighter than water so it floats in water.

**3. Long answer questions:**

**Q1. List the properties of water.**

**Ans.** The properties of water are as follow:-

- 1) Water is transparent, colourless and tasteless liquid.
- 2) Clean and pure water has no smell.
- 3) Water occupies space.
- 4) Water takes the shape of the container.

**Q2 How does water change it's state?**

**Ans:**



**Q3. Why is water called a Universal solvent? Give two examples of solutes and their solutions with water.**

**Ans:** Water dissolves so many substances in it. Thus, it is called a universal solvent .

**Example 1:** Sugar (Solute) + Water (solvent) -----Sugar solution

**Example 2:** Salt (solute) + Water (solvent)-----Salt solution

**Teacher Signature**

**Principal Signature**

**Name:** Mrs. Rupa P L

