

**Class 5
EVS**
Experiments with Water

A Fill in the blanks.

Salty Floating honey Evaporation sinks, floats March, Dandi Stirring
sun sea water sinks Easily, warm British, salt Soap, soap case Dissolve

1. A needle _____ in water.
2. Salt is made due to the process of _____.
3. For making salt, water is allowed to dry in _____.
4. The _____ sinks in water while the _____ floats.
5. When Ayesha put salt in the boiling water; eggs started _____.
6. Iron nail _____ in water but the katori _____.
7. _____ is thick and flows slower than water.
8. _____ is used to make salt.
9. Lemon floats on _____ water.
10. Oil does not _____ in water.
11. The _____ made a law that people could not make _____ even for use at home.
12. Gandhiji undertook a _____ from Ahmedabad to _____ in Gujarat.
13. On _____ sugar gets quickly dissolved in water.
14. Sugar dissolves _____ in _____ water.

B Answer in one word.

1. The liquid in which a substance is dissolved is called _____
2. The saltiest water body in the world _____
3. When is the best time of day to water your lawn? _____
4. Water has how many phases _____
5. A which movement Gandhiji made salt against the British law _____

C Separate the given things under suitable headings.

Blood, Ink, Sugar, Vinegar, Pencil shaving, Wood, Ghee, Mud, Fats, Milk, Fruit juice, Chalk powder, Wheat flour, Oil, Lemon juice, Cough syrup, Wax, Salt

| Soluble in water | Insoluble in water |
|------------------|--------------------|
| | |

D Circle things given below which can dissolve in water.

| | | | |
|---------------|-----------|-------------|---------|
| Coffee powder | Honey | Ice | Wood |
| Pepper | Detergent | Black salt | Flour |
| Cotton | Disprin | Fruit juice | Dust |
| Colour powder | Butter | Mud | Jaggery |

E State true or false.

1. A steel plate sinks in water. _____
2. A plastic bottle cap floats in water. _____
3. Soap solution and water do not dissolve. _____
4. Oil can easily mix with water. _____
5. Sugar and salt do not dissolve in water. _____
6. Water evaporates and changes into water vapour. _____

F Choose the correct option.

1. Which of these everyday objects is a water-saving tool?
a. A bucket b. A clock c. A broom d. All of these
2. Why cannot a person sink in the dead sea?
a. The density of a person decreases in the water of the dead sea.
b. Excessive salt content decreases the density of water
c. Excessive salt content increase the density of water
d. The density of a person increases in the water of the dead sea.
3. What the methods are there for separating mud from muddy water?
a. Filtration b. Decantation c. Sedimentation d. All of these
4. When sugar dissolved in water, it is not visible because _____.
a. Water particles have filled empty spaces between sugar particles.
b. Sugar particles have filled empty spaces between water particles.
c. The sugar has evaporated.
d. Water makes sugar particles invisible
5. Why an iron nail sinks in water?
a. The density of nail is equal to water. So it sinks easily.
b. The density of nail is much lesser than the water. So it sinks easily.
c. The density of nail is greater than the water. So it sinks easily.
d. None of these
6. Which of the following can be separated from water by straining with a cloth?
a. Chalk powder b. Salt c. Milk d. Sugar
7. Paint is soluble in
a. Water b. Kerosene c. Milk d. Lemon

Answer

A.

- | | | | |
|--------------|------------------|-------------------|--------------------|
| 1. Sinks | 2. Evaporation | 3. Sun | 4. Soap, soap case |
| 5. Floating | 6. Sinks, floats | 7. Honey | 8. Sea water |
| 9. Salty | 10. Dissolve | 11. British, salt | 12. March, Dandi |
| 13. Stirring | 14. Easily, warm | | |

B.

- | | | |
|------------|----------------|----------------------------------|
| 1. Solvent | 2. Dead Sea | 3. Early morning or late evening |
| 4. Three | 5. Dandi march | |

C.

| Soluble in water | Insoluble in water |
|---|---|
| Blood, Sugar, Mud, milk, vinegar Fruit juice, Lemon juice, Salt Cough syrup | Ink, Pencil shaving, Ghee, Oil, Chalk powder, Wheat flour Wax, Wood, fats |

D.

- | | | | |
|------------------|------------------|----------------|------------|
| 1. Coffee powder | 2. Colour powder | 3. Detergent | 4. Disprin |
| 5. Ice | 6. Black salt | 7. Fruit juice | 8. Jaggery |

E.

- | | | | | | |
|---------|---------|----------|----------|----------|---------|
| 1. True | 2. True | 3. False | 4. False | 5. False | 6. True |
|---------|---------|----------|----------|----------|---------|

F.

1. All of these
2. Excessive salt content increase the density of water
3. Sedimentation
4. Sugar particles have filled empty spaces between water particles.
5. The density of nail is greater than the water. So it sinks easily.
6. Chalk powder
7. Kerosene