ENVIRONMENTAL STUDIES
CH: 7 EXPERIMENTS WITH WATER

Class: V

I. **Choose the correct answer to fill in the blanks**

(stirring, soap cake, march, sank, dissolve, floating, Dandi, sea water, British, salt, soap case)

1. Ayesha saw that at first puri _____ to the bottom of the pan; as puffed up, it started ---------- on the oil.
2. The ----------sinks in water while the ---------- floats.
3. When Ayesha put salt in the boiling water; eggs started ----------.
4. On ---------- sugar gets quickly dissolved in water.
5. Oil does not ---------- in water.
6. The ---------- made a law that people could not make ---------- even for use at home.
7. Gandhiji undertook a ---------- from Ahmedabad to ---------- in Gujarat.
8. The ---------- can be used to make salt.

II. **Circle the things that dissolve in water.**

9. Sugar, Lemon juice, Oil, Fruit juice, Pepsi, Salt, Chalk powder, Mud, Ghee, Milk

III. **Group the following objects.**

10. A marble, An eraser, Wood, A pencil, A key, A coin, Cork, Lid of a bottle

Objects that float	Objects that sink

IV. **Answer the following questions.**

11. What happens on adding salt to the water in which eggs are boiled? Why?

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12. Which of the two will dry faster?

    a) handkerchief kept in the sun (or) a handkerchief kept in the shade. Why?

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13. Give reason:

    a) Puris float on the oil while frying.

    b) A nail made of iron sinks in water. A ship made of iron floats on water.

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14. Why do a person who cannot swim will not drown in Dead Sea?

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15. How would you separate

    a) salt from water ?

    b) chalk powder from water ?

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16. Does oil dissolve in water? Why?

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17. Ayesha put two drops each of ground nut oil, sugar solution and water on a steel plate. She tilted the plate and found that some of the drops slid down quickly while some lagged behind. Now answer the following questions.

    a) Which drops slid down faster?

    b) Which are the slowest? Why?
