

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

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

- a) Ayesha saw that at first puri ----- to the bottom of the pan; as puffed up, it started ----- on the oil.
- b) The ----- sinks in water while the ----- floats.
- c) When Ayesha put salt in the boiling water; eggs started -----.
- d) On ----- sugar gets quickly dissolved in water.
- e) Oil does not ----- in water.
- f) The ----- made a law that people could not make ----- even for use at home.
- g) Gandhiji undertook a ----- from Ahmedabad to ----- in Gujarat.
- h) The ----- can be used to make salt.

II. Write 'True' for the correct statement and 'False' for the wrong statement.

- a) A puffed up puri will float in water. []
- b) A steel plate sinks in water. []
- c) A plastic bottle cap floats in water. []
- d) Dead Sea has the saltiest water of all seas. []
- e) Oil can easily mix with water. []
- f) Sugar and salt does not dissolve in water. []
- g) Salt is made from sea water. []
- h) Sugar and salt do not dissolve in hot water. []

III. Tick (✓) the correct answer.

a) When sugar dissolved in water, why is it not visible?

- i) The sugar has evaporated.
- ii) Water makes sugar particles invisible.

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iii) Sugar particles have filled empty spaces between water particles.

iv) Water particles have filled empty spaces between sugar particles.

b) Which of the following do not dissolve in water?

i) Sugar

ii) Salt

iii) Colour powder

iv) Mud

c) Which of the following dissolves in water?

i) Wood

ii) Jaggery

iii) Dust

iv) An eraser

d) Which of the following floats on water?

i) Air filled tube of a tyre.

ii) An iron sharpener

iii) A stone

iv) A chain

e) Which of the following sinks in water?

i) A boat

ii) A piece of paper

iii) A nail

iv) A stick

(Match with the answers)

a) Separating salt from water? -

straining

b) Separating chalk powder from water? -

Because it is lighter than water

c) Separating mud from water? -

straining

d) Why oil does not dissolve in water? -

Evaporation/ boiling