

CHAPTER 7

EXPERIMENTS WITH WATER

1- Multiple Choice Questions (MCQs).

(i) Which of the following sinks in water?

(a) Pin (b) Coin

(c) Eraser (d) All of these

(ii) Which of the following gets dissolved in water?

(a) Egg (b) Ghee

(c) Sand (d) Mishri

(iii) While preparing tea, which of the following does not get completely dissolved in water?

(a) Sugar (b) Milk

(c) Tea leaves (d) None of these

(iv) Which of the following can be separated from water by straining with cloth?

(a) Oil (b) Salt

(c) Chalk powder (d) Lemon juice

(v) In which year did Gandhiji go on the Dandi March?

(a) 1929 (b) 1930

(c) 1931 (d) 1942

(vi) Gandhiji went on Dandi March Yatra from

(a) Dandi seashore to Ahmedabad

(b) Ahmedabad to Dandi seashore

(c) Hyderabad to Dandi seashore

(d) Dandi seashore to Hyderabad

2- Write 'T' for True and 'F' for False statements.

- (i) A flat dough will float on oil whereas puffed puri sink in it.
- (ii) Soap and soapcase both float in water.
- (iii) All ocnas and seas have salty water.
- (iv) A person cannot get drown in Dead sea.
- (v) Things once dissolved in water cannot be separated again.
- (vi) Oil flows faster than water.
- (vii) The amount of water will reduce after heating it for a long time.
- (viii) Dead sea is the saltiest sea in the world.
- (ix) Salt is made from sea water.
- (x) Water evaporates and changes into water vapour.

3- Fill in the blanks with appropriate words given in the box.

sea water, mud, salt, sugar, Arabian, Dead, sinks, float, honey, soap water, big machine, the salt law, warm, filtration/sedimentation, salty, sinks, Dandi March, easily

- (i) A needle in water.
- (ii) Sea is the saltiest sea in the world.
- (iii) is thick and flows slower than water.
- (iv) British put tax on..... .
- (v) is used to make salt.
- (vi) Lemon floats on water.
- (vii) Sugar dissolves in water.
- (viii) Chalk powder can be separated from water by
- (ix) Gandhiji protested against by undertaking the

4- What will happen

- (i) If we put a raw egg in a glass filled with ordinary water.
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(ii) If we put a raw egg in a glass filled with salty water.

(iii) If we pour some water and oil into a jar.

(iv) If we vigorously mix water and oil in a jar.

5- Answer the following questions briefly.

(i) Why a person will continue to float in the Dead Sea, even if he does not know something?

(ii) Why do clothes dry faster on a sunny day than on a cloudy day?

(iii) Where does the water from clothes go when they are dried in Sun? Name the process.

(iv) Why did Mahatma Gandhi undertake the Dandi March?

(v) Is it easy for a person to lie down like this on river water?

(vi) How is salt made?

(iii) Tea leaves from water

(iv) Mud from water

9- Water is called a 'Universal Solvent' because it can dissolve many substances in it.

(i) Encircle the things given below which can dissolve in water.

Coffee powder

Flour

Ice

Pepper

Detergent

Black salt

Cotton

Disprin

Fruit juice

Honey

Butter

Mud

(ii) Name two factors that help the things above dissolve faster.

10- Group the following things under suitable headings in the boxes given:

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

Soluble in water		Insoluble in water

11- You have washed your handkerchief and you want to dry it quickly.
What all can you do?
