



INDIAN SCHOOL NIZWA - WORKSHEET

Subject: SCIENCE

Chapter – 4. Solids, Liquids, & Gases

Name: _____ Class: V ---- Date: / / 2025

I. Choose the correct answer

1. Which one of the following is a chemical change?
(a) Tearing of paper (b) Cooking of vegetables (c) Cutting of fruits (d) Boiling of water
2. The figure shows the arrangement of molecules in a _____.
(a) Solid (b) liquid (c) gas None of these
3. When we pour water from jug to glass ,what shape does it take ?
a. Shape of jug b. Shape of glass c. Liquid has no definite shape d. None of the above
4. Matter is made up of -----
(a) gems (b) molecules (c) crystals (d) all of these
5. ----- has no definite shape and volume.
(a) Solid (b) Gas (c) Liquid (d) All of these
6. Which of the following is a physical change?
(a) Melting of butter (b) Changing of wheat to bread
7. ----- and salt are soluble in water.
(a) Sugar (b) Chalk (c) Sand (d) Kerosene
8. The gas that bubbles out of a carbonated drink is -----
a) nitrogen b) oxygen c) hydrogen d) carbon dioxide
9. Steam is a ----- form of water.
(a) solid (b) gaseous (c) liquid (d) none of these
10. Which of the following transformations is incorrect?
(a) $\text{Liquid} \xrightarrow{\text{Cooling}} \text{Solid}$ $\text{Solid} \xrightarrow{\text{Cooling}} \text{Liquid}$ (a) $\text{Liquid} \xrightarrow{\text{Heating}} \text{Gas}$
11. The liquid in which the substance is dissolved to get a solution is known as -----



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(a) solute

(b) solvent

(c) solution

(d) matter

12. Which of the following processes is responsible for drying of clothes hanging on the clothesline under the Sun?

(a) condensation

(b) expansion

(c) evaporation

II. Name the conversion process in each of the following.

13. Ice to water -

14. Vapour to rain -

15. Melted butter to solid butter -

16. A puddle disappearing after rain-

III. Write whether the following statements are “TRUE / FALSE”. Rewrite the false statements correctly.

17. Molecules are very loosely packed in gases.

18. Solids like salt, sugar etc. easily get dissolved in water.

19. Gases melt on heating.

20. Volume is the amount of space occupied by matter

21. Water is known as a universal solvent.

22. The process of transformation (change) of ice into water is known as evaporation.

23. Solids can take the shape of a container.

IV. Circle the odd ones. Give Reason.

24. book

oxygen

pen

Ans:

25. condensation

evaporation

boiling

Ans:



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26. carbon dioxide

orange juice

oxygen

Ans:

V. Match the following:

Column A

- i) Matter
- ii) Molecule
- iii) Gas
- iv) Soluble in water
- v) solid

Column B

- a) has a definite shape and volume
- b) Sugar
- c) Smallest unit of a substance
- d) Attraction between molecules is the least
- e) Anything that takes up space and has weight