



ST.LAWRENCE HIGH SCHOOL

JESUIT MINORITY INSTITUTION

SUB: GENERAL SCIENCE

CLASS 5

F.M. 15

TOPIC: THREE STATES OF MATTER

DATE: 14.04.2020

A. **CHOOSE THE CORRECT OPTION:**

15x1=15

- Which of the following states of matter occur between solid and gas as the energy is increased?
a) Solid **b)liquid** c)gas
- In which of the following three states of matter are the particles farthest from each other?
a) Solid b)liquid **c)gas**
- Which of the following is the common name for the solid state of water?
a)liquid b)steam **c)ice**
- Matter is anything that occupies space and has _____.
a)atom **b)weight** c) volume
- Which state(s) of matter takes the shape of the container they are placed in?
a) Liquid and solid b) Gas only **c) Liquid only**
- There are three states of matter: solid, liquid and gas. Select one property that liquids and gases have in common.
a) They have a definite shape b) They cannot be compressed.
c) They can flow.
- Which one of the following statements is correct?
a) Gases cannot be compressed. b) Solids are easily compressed.
c) Gases are easier to compress than solids.
- Atoms of different kind forms a molecule of a _____.
a) element **b)compound** c)matter
- What state of matter will keep the same amount but its shape will change?

a) solid b) gas **c) liquid**

10. Molecules are always in a state of _____.

a) rest **b) motion** c) solid

11. Intermolecular force in gas is _____.

a) very weak b) weak c) strong

12. Which one of the following is not a property of a gas?

a) definite mass b) no definite shape **c) definite volume**

13. Liquids have the ability to flow because _____.

a) their particles are arranged in a regular pattern

b) their particles can slide over each other

c) there are strong forces of attraction between the particles.

14. What state of matter has neither a fixed shape nor a fixed volume?

a) gas b) solid c) liquid

15. Solids have _____ intermolecular space.

a) more **b) very less** c) moderate

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