



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

- 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**
- Molecules are always in a state of _____.
a)rest b) **motion** c)solid

10. Intermolecular force in gas is _____.
- a) **very weak** b) weak c) strong
11. Which one of the following is not a property of a gas?
- a) definite mass b) no definite shape c) **definite volume**
12. 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.
13. What state of matter has neither a fixed shape nor a fixed volume?
- a) **gas** b) solid c) liquid
14. Solids have _____ intermolecular space.
- a) more b) **very less** c) moderate
15. _____ are the building blocks of matter.
- a) **Atoms** b) molecules c) solid

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