



# ST.LAWRENCE HIGH SCHOOL

JESUIT MINORITY INSTITUTION

SUB: GENERAL SCIENCE

CLASS 5

F.M. 15

TOPIC: THREE STATES OF MATTER

DATE: 14.04.2020

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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

1. In which of the following three states of matter are the particles farthest from each other?

a) Solid                      b)liquid                      c)gas

3. Which of the following is the common name for the solid state of water?

a)liquid                      b)steam                      c)ice

4. Matter is anything that occupies space and has \_\_\_\_\_.

a)atom                      b)weight                      c) volume

5. 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

6. 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.

7. 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.

8. Atoms of different kind forms a molecule of a \_\_\_\_\_.

a) element                      b)compound                      c)matter

9. 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

**Ms. Beline Jermy Peter**