



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**Sub: Physical Science**

**Class: 8**

**Date: 06.02.21**

**Duration: 40 min**

**Worksheet Solution 07**

**Full Marks: 15**

## MATTER

### Choose the Correct options:

- 1) The quantity of matter contained in a body is \_\_\_\_\_  
(a) weight (b) **mass** (c) volume (d) none
- 2) \_\_\_\_\_ depends on gravity.  
(a) **weight** (b) mass (c) volume (d) none
- 3) Anything that occupies space and has mass is called \_\_\_\_\_  
(a) **matter** (b) object (c) element (d) none
- 4) In vaporisations heat is –  
(a) **absorbed** (b) released (c) no change (d) none
- 5) The particles in gas are in the state of \_\_\_\_\_ motion.  
(a) **random** (b) rapid (c) slow (d) none
- 6) If the energy of the system increases, vibration of particles \_\_\_\_\_  
(a) **increases** (b) decreases (c) does not change (d) none
- 7) \_\_\_\_\_ is a sublimable substance.  
(a) wax (b) wood (c) iron (d) **camphor**
- 8) In which conversion heat will be absorbed –  
(a) **melting** (b) condensation (c) freezing (d) none
- 9) The fourth state of matter is \_\_\_\_\_  
(a) wood (b) iron (c) **plasma** (d) ion
- 10) Which state is not affected by gravity?  
(a) solid (b) liquid (c) gas (d) **plasma**
- 11) In solids atoms are \_\_\_\_\_  
(a) **fixed** (b) free to move (c) can slide over each other (d) none
- 12) In solids force of attraction is \_\_\_\_\_  
(a) weak (b) **strong** (c) very weak (d) none
- 13) In solids volume is \_\_\_\_\_  
(a) **fixed** (b) not fixed (c) increases (d) none
- 14) In liquids shape is \_\_\_\_\_  
(a) definite (b) **not – definite** (c) decreases (d) none
- 15) The state of matter which glows, is \_\_\_\_\_  
(a) solid (b) liquid (c) gas (d) **plasma**