



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 23.01.21

Duration: 40 min

Worksheet 03

Full Marks: 15

MATTER

Choose the Correct options:

- 1) Change of state occurs when energy is
(a) Absorbed (b) Evolved (c) Both (a) and (b) (d) None of these
- 2) The temperature _____ during melting.
(a) Rises (b) Falls (c) Stagnates (d) Varies randomly
- 3) Process of change of solid to liquid is called
(a) Melting (b) Freezing (c) Condensation (d) Deposition
- 4) At normal atmospheric pressure, melting point of pure ice is
(a) 0°C (b) 32°C (c) 4°C (d) 100°C
- 5) At normal atmospheric pressure, freezing point of pure water is
(a) 100°C (b) 32°C (c) 4°C (d) 0°C
- 6) The process of vaporisation that can take place at any temperature is called _____.
(a) Boiling (b) Evaporation (c) Diffusion (d) none of these
- 7) The process of vaporisation that can take place at a fixed temperature is called _____.
(a) Boiling (b) Evaporation (c) Diffusion (d) none of these
- 8) _____ is a surface phenomenon.
(a) Boiling (b) Evaporation (c) Diffusion (d) none of these
- 9) _____ is a rapid process of vaporisation.
(a) Boiling (b) Evaporation (c) Diffusion (d) none of these
- 10) Boiling point of alcohol at normal atmospheric pressure is _____.
(a) 100°C (b) 78°C (c) -114°C (d) 0°C
- 11) Another name for melting is _____.
(a) fusion (b) Liquefaction (c) Condensation (d) Deposition
- 12) The addition of salt to ice cream helps to _____ the melting point of ice.
(a) Raise (b) Lower (c) Stabilize (d) Determine
- 13) Heat absorbed during melting point is used to increase _____.
(a) Kinetic energy (b) Temperature (c) Intermolecular space (d) Intermolecular force
- 14) What is the lowest temperature attained with a salt and ice mixture?
(a) 10°C (b) 21°C (c) -21°C (d) 0°C
- 15) The temperature remains constant during the process of _____.
(a) Melting (b) Freezing (c) Both (a) and (b) (d) Combustion