



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 25.01.21

Duration: 40 min

Worksheet 04

Full Marks: 15

MATTER

Choose the Correct options:

- 1) Change of state from vapour to liquid is called
(a) Condensation (b) Liquefaction (c) Both (a) and (b) (d) None of these
- 2) The liquefaction point of pure steam is
(a) 0°C (b) 32°C (c) 4°C (d) 100°C
- 3) During condensation heat is _____ by the substance
(a) Lost (b) Gained (c) Created (d) None of these
- 4) Which of the following is a sublimate?
(a) Iodine (b) Napthalene (c) Ammonium Chloride (d) All of these
- 5) Process through which a vapour directly changes to a solid
(a) Solidification (b) Deposition (c) Both (a) and (b) (d) None of these
- 6) Carbon dioxide changing to dry ice is an example of
- 7) (a) Solidification (b) Sublimation (c) Both (a) and (b) (d) None of these
- 8) Melting point of aluminium is
(a) 660.3°C (b) 66.3°C (c) 6.63°C (d) 100°C
- 9) The melting point and freezing point of gold is
(a) 2970°C (b) 1064°C (c) Both (a) and (b) (d) None of these
- 10) Many germs are killed off by
(a) Boiling water (b) Freezing water (c) Ice (d) Dry Ice
- 11) Boiling point and condensation point of pure water are
(a) Same (b) Different (c) Variable (d) Undetermined
- 12) Another name for liquefaction is _____
(a) fusion (b) Liquefaction (c) Condensation (d) Deposition
- 13) The addition of salt to ice cream helps to _____ the melting point of ice.
(a) Raise (b) Lower (c) Stabilize (d) Determine
- 14) Heat absorbed during sublimation point is used to increase _____
(a) Kinetic energy (b) Temperature (c) Intermolecular space (d) Intermolecular force
- 15) What is the lowest temperature attained with a salt and ice mixture?
(a) 10°C (b) 21°C (c) -21°C (d) 0°C
- 16) The temperature remains constant during the process of _____
(a) Solidification (b) condensation (c) Both (a) and (b) (d) Combustion