ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science **Class: 8** **Date: 25.01.21**

Duration: 40 min **Worksheet Solution 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^oC (b) 32^oC (c) 4^oC (d) **100^oC**
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^oC (b) 66.3^oC (c) 6.63^oC (d) 100^oC
9) The melting point and freezing point of gold is
   (a) 2970^oC **(b) 1064^oC** (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^oC (b) 21^oC **(c) -21^oC** (d) 0^oC
16) The temperature remains constant during the process of _____
    (a) Solidification (b) condensation **(c) Both (a) and (b)** (d) Combustion