



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science
Duration: 40 min

Class: 8
Worksheet 11

Date: 20. 02.21
Full Marks: 15

HEAT/EVAPORATION AND BOILING

Choose the Correct options:

1. SI unit of heat is
Ans (a)joule (b)erg (c)g-cm (d) Kg-m
2. The degree of hotness or coldness of a body is called
Ans (a)Temperature (b)Volume (c)Size (d) Heat
3. Which theory explains change of state?
Ans (a) Kinetic theory (b) Dalton's atomic theory (c) Bohr's theory (d) Conservation theory
4. Temperature at which boiling takes place is
Ans (a) Boiling point (b) Condensation point (c) Saturation point (d) Freezing point
5. On heating molecules execute
Ans (a) Vibrations (b) Circular motion (c) Random motion (d) somersaults
6. When solid changes to a liquid the process is called
Ans (a) melting (b) freezing (c) condensation (d) boiling
7. Boiling takes place
Ans (a) throughout the volume (b) On the surface (c) In films (d)On solute particles
8. Evaporation takes place from
Ans (a) Edges (b) Surface (c) Bottom of the container (d) Entire volume
9. Kinetic energy changes during
Ans (a) Expansion (b)Contraction (c) Rise in temperature (d) Change of state
10. Boiling is a _____ process
Ans (a) Endothermic (b) Exothermic (c) Chemical change (d) Surface
11. Cooling is caused by
Ans (a) evaporation (b) boiling (c) burning (d) neutralization
12. Earthen pots are used in summer because of
Ans (a)Filtration (b)Osmosis (c) Evaporation (d) Both (a) and (b)
13. Hot tea is cooled in a saucer because of
Ans (a) larger surface area (b)faster air (c) higher temperature (d) tea cools faster than water
14. Perspiration in summer keeps the body
Ans (a) warm (b)moist (c) cool (d) Both (a) and (c)
15. Vaporization can occur as
Ans (a) Boiling (b) Evaporation (c) melting (d)Both (a) and (b)