



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 06.03.21

Duration: 40 min

Worksheet Solution 15

Full Marks: 15

PHYSICAL QUANTITIES AND MEASUREMENT

Choose the Correct options:

- 1) _____ is a cylindrical laboratory instrument with markings, used to measure the volume of liquids.
(a) Eureka can (b) **Measuring cylinder** (c) Hydrometer (d) None of these
- 2) _____ is a dense object
(a) wood block (b) **iron** (c) Styrofoam (d) sponge
- 3) _____ is a porous material.
(a) **Styrofoam** (b) Iron (c) diamond (d) lead
- 4) Liquids are _____ dense than gases
(a) Less (b) **More** (c) Equal (d) None of these
- 5) The property that decides whether the object will float or sink is its _____.
(a) Volume (b) Area (c) **Density** (d) None of these
- 6) When a solid substance is heated its density _____.
(a) Increases (b) **Decreases** (c) No change (d) None of these
- 7) When liquids are heated, their density became less until it changes into _____.
(a) Solid (b) Liquid (c) **Gas** (d) None of these
- 8) When solids are heated their _____ increases and _____ decreases.
(a) **Volume, density** (b) Density, volume (c) Area, Volume (d) None of these
- 9) Ocean currents are caused due to difference in _____.
(a) Temperature (b) Pressure (c) **Density** (d) None of these
- 10) When gas is heated, its volume _____.
(a) **Increases** (b) Decreases (c) No change (d) None of these
- 11) The density of ice is about _____.
(a) **0.9g / cm³** (b) 1g / cm³ (c) 1.2g / cm³ (d) None of these
- 12) Density of sea water is _____ than density of river water.
(a) **more** (b) less (c) equal (d) None of these
- 13) Measuring cylinder has _____ grooved over it
(a) Scale (b) **Marking** (c) Dates (d) None of these
- 14) The CGS unit of Density is _____.
(a) **g / cm³** (b) cm³ / g (c) m³ (d) cm³
- 15) A eureka can has a _____ in it
(a) pipe (b) **spout** (c) funnel (d) none of these