



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 3

Subject- Physical Science Worksheet- 5 Class – 9

Date- 20.11.2020

Topic- Solution

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS : 1× 15

Q1.A solution is a _____ mixture.

- A. Homogeneous
- B. Heterogeneous
- C. Filtration
- D. None of these

Q2. _____ is the substance in which the solute is dissolved

- A.solvent
- B.solute
- C.solution
- D.mixture

Q3.Small molecules are called

- A.Macro molecules
- B.micromolecules
- C.diffusion
- D.scattering

Q4.Butter is example of

- A.water in oil
- B.oil in water
- C.emulsion

D.none of these

Q5.Coconut oil and water acts as

A.emulsifier

B.solid

C.solution

D.dispersion

Q6.Particle size of solution

A.less than 1nm

B.1nm to 100 nm

C.more than 100 nm

D. None of these

Q7.Solution _____ scatter light.

A.does not

B.does

C.diffuse

D.visible.

Q8.Suspension are

A.heterogeneous

B.homogeneous

C.does not depend

D.none of these

Q9.Colloid particles may have electrical charge on them,this is called

A.Electrophoresis

B.Tyndall effect

C.Stability

D.visibility

Q10 .The random movements of colloid particles seen under microscope is called

A.Brownian

B.Tyndall

C.electrolysis

D.electrophoresis

Q11.If a solution contain less amount of solute than what is necessary then it is called

A.unsaturated solution

B.saturated solution

C.solubility

D.none of these

Q12.Smaller the size of solute ,_____ is its solubility.

A.greater

B.smaller

C.does not effect

D.none of these

Q13.In aerated drinks gas is the

A.solute

B.solvent

C. Particle

D.none of these

Q14.Suspension can be separated by

A.filtration

B. Sedimentation

C.ditillation

D.diffusion

Q15.Colloid can be separated by

A.centrifugation

B.filteration

C .sedimentation

D.ditillation

Name of the Teacher- Piyali Halder

