

Class: IX	Topic: Is matter around us pure?
Subject: Chemistry	Date -10/11/2021 Worksheet

1. When sunlight passes through the window of your house the dust particles scatter the light making the path of the light visible this phenomenon is called as

- a. Brownian motion
- b. Tyndall effect
- c. Raman effect
- d. Uniform motion

2. On increasing the temperature the solubility of the solute in the solvent

- a. Decrease
- b. Increase
- c. Changes
- d. Does not change

3. Chalk powder in water is an example of

- a. saturated solution
- b. unsaturated solution
- c. suspension
- d. colloidal solution

4. Brownian motion explains the property of colloidal solution .

- a. Optical
- b. Electrical
- c. Kinetic
- d. Mechanical

5. In aqueous solutions the solvent used is

- a. ether

b. alcohol

c. water

d. benzene

6. Cheese is a colloidal solution of

a. solid in solid

b. liquid in solid

c. solid in liquid

d. gas in liquid

7. Fog is a solution of

a. liquid in gas

b. gas in liquid

c. solid in gas

d. gas and gas

8. A solution which has more solute at a given temperature than that of saturated solution is called

a. supersaturated solution

b. unsaturated solution

c. colloidal solution

d. suspension

9. The dispersed phase in a colloidal solution is

a. solute

b. solution

c. suspension

d. solvent

10. The continuous random motion of colloidal particles is called

a. Brownian movement

b. Zig zag movement

c. Continuous movement

d. Tyndall effects

11. Cork is a colloid of

- a. solid in solid
- b. liquid and solid
- c. solid in liquid
- d. gas in solid

12. Smoke is a colloid of

- a. solid in solid
- b. liquid and solid
- c. solid in liquid
- d. solid in gas

13. Pick out a colloid from the following

- a. sugar solution
- b. salt solution
- c. mud in water
- d. blood

14. Which of the following is property of true solution

- a. homogeneous
- b. heterogeneous
- c. translucent
- d. none of these

15. Egg albumin in water forms

- a. true solution
- b. colloidal solution
- c. suspension
- d. none of these

16. Which of the following represents a correct set of observations for a mixture of common salt and water

- a. transparent ,unstable ,no residue
- b. transparent ,stable, no residue
- c. translucent, stable ,no residue

d. opaque, unstable ,residue

17.You have prepared four different mixtures in water using charcoal powder,chalk powder ,detergent powder, slaked lime

if you filter these mixtures through a filter paper there will be no residue left after filtration in case of

- a. charcoal powder
- b. chalk powder
- c. detergent powder
- d. Slaked lime

18.An example of colloid in which dispersed phase is gas and dispersion medium is solid is

- a. Pumice stone
- b. Whipped cream
- c. gemstone
- d. jellies

Note-The above content has been absolutely prepared from home.