

CLASS IX- CHEMISTRY
IS MATTER AROUND US PURE

Assignment-2

MULTIPLE CHOICE QUESTION - 2.1

1. Which of the following is/are example of suspension ?
(A) Muddy water (B) Slaked lime (C) Paints (D) All
2. Which of the following statement is not true about suspension ?
(A) The particles of suspension can be separated from solvent by the process of filtration.
(B) When the suspension is kept undisturbed the particles of suspension settle down.
(C) A suspension is homogeneous in nature.
(D) Scattering of light take place in suspension.
3. Fog is an example of -
(A) foam (B) emulsion (C) aerosol (D) gel
4. Which of the following statement is not true about colloidal solution ?
(A) These are visible under powerful microscope.
(B) Their particles do not settle down with passage of time
(C) Their particles are electrically charged.
(D) These are homogeneous in nature.
5. Which of the following is an example of emulsion ?
(A) Face cream (B) Shaving cream (C) Honey (D) Smoke
6. Soap solution is an example of -
(A) true solution (B) suspension (C) colloidal solution (D) none of these
7. When a beam of light is passed through a colloidal solution, it gets -
(A) reflected (B) absorbed (C) scattered (D) refracted
8. Which of the following is an example of gel ?
(A) Coloured gem (B) Jelly (C) Smoke (D) Shaving cream
9. Which of the following will show Tyndall effect ?
(A) Starch solution (B) Sodium chloride solution
(C) Copper sulphate solution (D) Sugar solution
10. Colloidal particles can be normally seen by
(A) naked eye (B) optical microscope
(C) electron microscope (D) telescope

SUBJECTIVE QUESTION - 2.2

1. Write the differences between colloid, suspension and true solutions.
2. Define Aerosol and Emulsion.
3. Explain Tyndall effect briefly.
4. Give an example of each of the following :
Emulsion, Gel, Aerosol and Foam
5. What are the properties of colloidal solution ?