COMMON MODEL PAPER
Solutions 2 MARKS TEST
10th Standard

Science

Exam Time : 01:00:00 Hrs

Total Marks : 50

25 x 2 = 50

1) Define the term: Solution.
2) What is mean by binary solution?
3) Give an example each
   i) gas in liquid
   ii) solid in liquid
   iii) solid in solid
   iv) gas in gas
4) What is aqueous and non-aqueous solution? Give an example.
5) Define Volume percentage
6) The aquatic animals live more in cold region Why?
7) Define Hydrated salt.
8) A hot saturated solution of copper sulphate forms crystals as it cools. Why?
9) Classify the following substances into deliquescent, hygroscopic. Conc. Sulphuric acid, Copper sulphate pentahydrate, Silica gel, Calcium chloride, and Gypsum salt.
10) Define concentration.
11) Define mass percentage.
12) 60 grams of NaOH is dissolved in 120 grams of water at 25^0 C to form a saturated solution. Find mass percentage of solute and solvent.
13) 7.5 litre of ethanol is present in 15 litre of aqueous solution of ethanol. Calculate volume percent of ethanol solution.
14) Define trinary solution
15) Define hydration
16) Define hygroscopic substance.
17) Define aqueous solution.
18) Define Super saturated solution.
19) Define concentration of the solution.
20) Define Henry's law
21) Write the examples hygroscopic substances
22) Define Ternary solution.
23) Differentiate aqueous and non-aqueous solution.
24) Define mass of percentage.
25) Write Henry's law.

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