

Class- 9 Science

Assignment - 2nd

PAGE NO. / /
DATE: / /

5. Q:- How are sol., solution and suspension different from each other?

6. Q:- To make a saturated solution 36g of NaCl is dissolved in 100 g of Water at 293 Kelvin. Find its concentration and at this temperature.

7. Q (a) Define concentration of a solution.

(b) A solution contains 40g of Sugar in 320 g of water. Calculate the concentration in terms of mass by mass percentage of the solution.

8 Q:- Explain the following giving examples.

(a) Saturated solution

(b) unsaturated solution

(c) Pure substance

9. Q:- Which of the following materials fall in the category of a pure substance?

(a) Ice

(b) Milk

(c) Iron

(d) Hydrochloric acid

(e) Calcium oxide

(f) Mercury

(g) Brick

(h) Wood

(i) Air

10. Q:- How would you confirm that a colourless liquid given to you is Pure Water?



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PAGE NO.

DATE : / /

11.Q:- State differences between elements and Compounds.

12.Q:- State differences between mixtures and Compounds.



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