

GURU GOBIND SINGH PUBLIC SCHOOL, CHAS

CLASS –IX

Chemistry

May Week 2

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Assignment for class -9

1. Give reasons for the following observations:

(a) The smell of hot sizzling food reaches you several metres away, but to get the smell from cold food you have to go close.

(b) Naphthalene balls disappear with time without leaving any solid.

2. How does the water kept in an earthen pot become cool during summer?

3. Why is iron an alloy solid at room temperature? Give two reasons.

4. Why are liquids and gases called fluids?

5. Why do we see water droplets on the outer surface of a glass containing ice cold water?

6. Compare the properties of gases, liquids and solids in a tabular form.

7. Comment upon the following: rigidity, compressibility, fluidity, filling a gas container, shape, kinetic energy and density of various states of matter.

8. Why do solids not diffuse?

9. Why do the doctors advise to put wet cloth on the forehead of a person having high temperature?

10. Suggest a method to liquefy atmospheric gases.