



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

Class- 9

Chemistry

Ch-1: Matter in Our Surroundings

Revision Assignment-1

Guidelines

Dear Students

- ❖ Revisit the concepts discussed in E lessons 1, 2 and 3
- ❖ Attempt the questions given below in your notebook.
- ❖ Refer to N.C.E.R.T for any clarification.
- ❖ Link for Class 9 Science NCERT book:

http://ncertbooks.prashanthellina.com/class_9.Science.Science/CHAP%201.pdf

1. Which of the following statement is incorrect?
 - a) Matter is made up of particles.
 - b) Matter is continuous in nature.
 - c) Particles of matter are always in a state of motion.
 - d) Particles of matter attract each other.

2. Which of the following is not 'matter'?
 - a) Air
 - b) Feeling of cold
 - c) Smell of pasta
 - d) Dust

3. The interparticle forces of attraction are the strongest in:
 - a) Water
 - b) Honey
 - c) Oxygen gas
 - d) Sugar

4. Define the following terms:
- a) Kinetic energy
 - b) Diffusion
 - c) Compressibility
5. Fill in the blanks:
- a) Matter is made up of small _____.
 - b) Arrangement of particles is most ordered in case of _____ state.
However, there is no order in case of _____ state.
 - c) The rate of diffusion increases with an increase in _____.
6. Common salt (sodium chloride) when added to water, gets evenly distributed in it. Which characteristic of the particles of matter is exhibited by this?
7. A substance 'X' has high compressibility and can be easily liquified. It can take the shape of any container. Predict the state of the substance and enlist any four properties of this state of matter.
8. Justify the following statements giving suitable reasons:
- a) A wooden almirah is considered solid.
 - b) A gas cylinder cannot be half filled.
 - c) A diver is able to cut through water in a swimming pool.
