

Lesson-10. States of Matter [SA-2]

I. Name the following:

1. Anything that occupies space and has mass.
2. Conversion of liquid into gaseous state.
3. A liquid in which a solid dissolves.
4. The space between molecules.
5. A homogenous mixture of a solute in a solvent.
6. The mixture of salt and water is called.
7. A hard substance which has definite shape and definite volume.
8. A solid which dissolves in a liquid.
9. Matter made up of different kinds of atoms combined in fixed numbers.
10. The three states of matter.

II. Fill in the blanks:

1. Molecules are made up of _____.
2. The molecules of gas are _____ packed.
3. Physical change is a _____ change.
4. _____ is a unique mixture that exists on the earth.
5. A _____ has neither a definite shape nor a definite volume.
6. When the change is only in state of matter, it is called _____ change.
7. A _____ has a definite shape and definite volume.
8. Chemical change is a _____ change.
9. Each molecule of oxygen contains _____ atoms of oxygen.
10. A _____ has a definite volume but does not have a definite shape.