

Lesson-10. States of Matter

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.

III. Write True or False.

1. Water consists of two types of atoms.
2. Liquids have a definite shape.
3. Matter is made up of molecules.
4. A solid has a definite shape and volume.
5. Physical change is a permanent change.
6. A solid does not diffuse in air.
7. Heating or cooling brings about physical change.

3. Two seed that are dispersed by wind
a) _____ b) _____
4. Two seeds that are dispersed by water
a) _____ b) _____
5. Name two tuberous roots
a) _____ b) _____
6. Name two underground stems
a) _____ b) _____
7. A bulb – shaped underground stem
a) _____ b) _____
8. Two plants that reproduce from spores.
a) _____ b) _____

III -WRITE TRUE OR FALSE

1. Paddy grows in wet and clayey soil . ()
2. The external covering of a seed is termed as a baby plant. ()
3. Squirrels bury seeds to eat during the winter. ()
4. Birds can be kept away from crops by using a scare crow. ()
5. Vegetables grow best in the soil containing enough minerals ()
6. Plants give us food, wood, fibres and many other things ()
7. Plants give us carbondioxide ()