

# CLASS NOTES

Class: V

Topic : Chapter -11

Subject: EVS

What Everything is Made of

(This written content has been absolutely prepared from home.)

**Note: Write the content in your EVS notebook.**

## i) Points to remember-

1. **Matter**- The stuff that everything around us is made of is called matter.

**Example**- people, animals, trees , rocks, soil, water and so on.

2 characteristics of matter are-

a) Anything that is made of matter occupies space.

b) It has weight.

2. Light, heat, and sound do not occupy space or have weight.

3. **Atoms**- The tiny particles with which matter is made of is called atoms.

4. There are 180 different kinds of atoms so the things made up of those are also different.

For example- Glass is different from ice. Ice is different from Iron.

5. **Molecule** – A group of atoms joined together is called a molecule.

Example- H<sub>2</sub>O A molecule of water made up of joining 3 atoms altogether.

6. **Elements**- Substances which are made up of only one kind of atoms are called elements.

Example- Iron, Copper, Silver et cetera. The molecules of an element have the same kind of atoms.

7. **Compounds**- Substances which are made up of different kinds of atoms are called compounds.

Example- H<sub>2</sub>O A molecule of water made up of joining 2Hydrogen and 1 Oxygen.

CO<sub>2</sub>- A molecule of Carbon dioxide is made up of 1 carbon atom and 2 Oxygen atoms.

## Ex. A) Write short answers.

1. **Everything that is made of matter has two characteristics. What are these?**

Ans. Matter has 2 characteristics -

c) Anything that is made of matter occupies space.

d) It has weight.

2. **What are the tiny particles that make up matter called?**

Ans. The tiny particles that make up matter are called atoms.

3. **What is a molecule ?**

Ans. A group of atoms joined together is called a molecule.

Example- CO<sub>2</sub>, H<sub>2</sub>O

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**4. How does matter change from the solid state to the liquid state ?**

Ans. Heating makes matter change from the solid state to the liquid state.

**5. Name one compound we use every day.**

Ans. Common Salt ( NaCl), Sugar (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>)



