

# CLASS NOTES

Class: V	Topic : Chapter -11
Subject: EVS	What Everything is Made of (This written content has been absolutely prepared from home.)

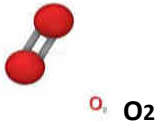
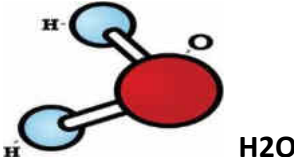
**Note: Write the content in your EVS notebook.**

## Ex. B) Explain in a few lines.

**Q.1 How are the molecules of elements different from the molecules of compound?**

**Give one example of each.**

Ans. Differences are-

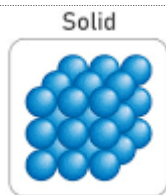
SN	Molecules of elements	Molecules of compound
1.	The molecules of an element have the same kind of atoms.	The molecules of compound are made up of different kinds of atoms.
2.	Example- Oxygen(O <sub>2</sub> ) A molecule of oxygen is made up 2 oxygen atoms.	Example- H <sub>2</sub> O A molecule of water made up of joining 2 Hydrogen and 1 Oxygen.
3.	Other examples- Iron, Hydrogen	Other examples- Sugar, Carbon dioxide.
		

**Q.2 Why do solids have a fixed shape and size?**

Ans. a) In solids, the particles (atoms or molecules) are packed very tightly.

b) They also attract to each other very hard so cannot move about much.

c) This is why solids have a fixed shape and size and they also feel hard.



**Q.3 What makes a liquid flow and change shape?**

Ans. a) In liquids, the particles (atoms or molecules) are packed very loosely.

b) They do not attract to each other very hard.

c) So, they can tumble and slip over each other .

d) That is why a liquid can flow and change shape.



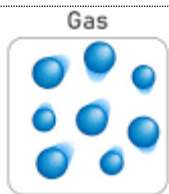
**Q.4 What makes a gas spread out and occupy any space it gets?**

Ans. a) The atoms or molecules of gases are far apart.

b) They hardly attract each other .

c) They are free to move where they like.

d) That is why gases have no fixed shape or volume.



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