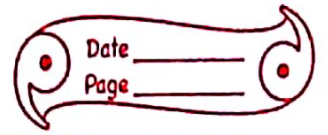


5 July 2021

## Chemistry



(a) What do you mean by matter? Describe monoatomic and diatomic molecules along with the examples that show matter offers resistance

and - Matter exists in different physical forms: solids, liquids, and gases. One form can be converted into another. Matter expands on heating and contracts on cooling. Besides the physical changes, matter can also undergo chemical changes on heating.

Matter can also be perceived by our senses. For example, we cannot see air but we can feel its presence. Matter offers resistance too. For example, if you try to swim in fast flowing water or you try to walk during an air storm, you will experience resistance. Hence matter is something that we can see, touch, taste, smell or feel. Monoatomic means a substance consisting of only one atom. Diatomic means a substance that is made up of chemically bonded of two atoms - monoatomic ex - helium, diatomic - hydrogen, oxygen.

Parent's sign  
M. Pradhan

5.7.2021