



CHENNAI PUBLIC SCHOOL

◆ Anna Nagar ◆ Chennai -600 101

WORKSHEET NO: SEC/WHW/06/19**SUBJECT: SCIENCE**

Class ► VII

Date ►

Name ►

Roll No. ►

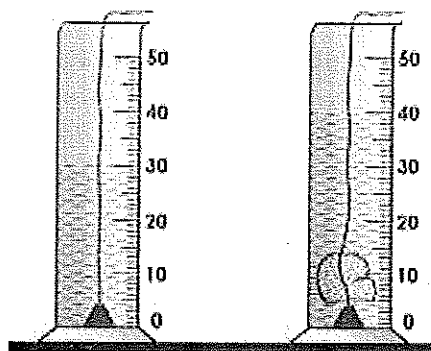
PHYSICS

- 1) Amit has an iron piece of mass 79g. He measured the volume of the iron piece by placing it in a measuring jar. Observe the given pictures .

Calculate

(i) the volume of the iron piece

and (ii) the density of iron



- 2) Calculate the density of a steel piece of volume 12 cm^3 and mass 96g.
- 3) What is the mass of 5 m^3 of cement of density 3000 kg/m^3
- 4) **ANSWER IN ONE WORD**
- a) The amount of matter contained in a body-
- b) The apparatus used in the Physics lab to measure the weight of an object-
- c) The mass per unit volume of an object-
- d) S.I. unit of density-

CHEMISTRY

1. Write the formulae of the following compounds:
- a) Sulphuric acid
- b) Sodium bicarbonate
- c) Silver nitrate
- d) Calcium carbonate
2. From the given formulae, write down the names of the chemical compounds:
- a) CH_4
- b) H_2O
- c) PbS
- d) CuO

3. Identify the elements in the following compounds and also how many atoms of each element are present in the following:
- Na_2CO_3
 - CaBr_2
 - $\text{Al}_2(\text{SO}_4)_3$
 - $\text{C}_6\text{H}_{12}\text{O}_6$
4. Complete the table showing the arrangement of electrons and protons in hydrogen and chlorine for the compound HCl.

Element	Protons	Electrons	I Shell	II shell	III shell
Hydrogen	1	1			
Chlorine	17	17			

BIOLOGY

- These tissue forms the lining of various organs all over the body.
 - These tissues are long and cylindrical in shape.
 - This cell conducts messages from one part of the body to the other.
 - This a blood like fluid lacking the red blood cells.
 - This connectiv e tissue is found in the nose and in the external ear.
- Draw the different types of muscular tissues and write down its function.