



# CHENNAI PUBLIC SCHOOL

◆ Anna Nagar ◆ Chennai -600 101

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

**SUBJECT: SCIENCE**

Class ► VII

Date ►

Name ►

Roll No. ►

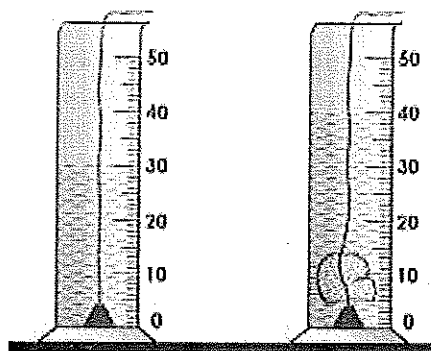
## PHYSICS

- 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  $12 \text{ cm}^3$  and mass 96g.
- 3) What is the mass of  $5 \text{ m}^3$  of cement of density  $3000 \text{ kg/m}^3$
- 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)  $\text{CH}_4$
- b)  $\text{H}_2\text{O}$
- c)  $\text{PbS}$
- d)  $\text{CuO}$

3. Identify the elements in the following compounds and also how many atoms of each element are present in the following:
- a)  $\text{Na}_2\text{CO}_3$
  - b)  $\text{CaBr}_2$
  - c)  $\text{Al}_2(\text{SO}_4)_3$
  - d)  $\text{C}_6\text{H}_{12}\text{O}_6$
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

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