



## SCIENCE

Class ▶

VII

Section ▶

Date ▶

Name ▶

Roll No. ▶

## PHYSICS

- 1 Identify the type of motion in the following:
  - a The movement of a birds wings
  - b The motion of a swing.
  - c The hands of a clock
  - d The turning of a merrygo round.
  - e The motion while marching in a parade
2. Write the difference between oscillatory and vibratory motion?
3. What is uniform motion? Explain with an example

## CHEMISTRY

1. Write the chemical names of the following compounds:  
1)  $\text{AgNO}_3$     2)  $\text{PbO}$     3)  $\text{CH}_4$     4)  $\text{NaHCO}_3$     5)  $\text{MgSO}_4$
2. Write down the formulae of the following ions or radicals:  
a) Acetate    b) Nitrate    c) Peroxide    d) Phosphide    e) Ammonium
3. Balance the following equations.  
 $\text{HNO}_3 + \text{Ca(OH)}_2 \rightarrow \text{Ca(NO}_3)_2 + \text{H}_2\text{O}$   
 $\text{AgCl} \rightarrow \text{Ag} + \text{Cl}_2$
4. Represent silver and mercury both for lower and higher valencies.

## BIOLOGY

- I Answer in one word.
- a. Name the tissues where Companion cells are found.
  - b. Name the Parenchyma cells containing chloroplasts.
  - c. The other name for dermal tissue.
  - d. The tissue which transports food from leaf to the different parts of the plant.
  - e. Define **vascular bundle**.