# CHENNAI PUBLIC SCHOOL

◈ Anna Nagar ◈ Chennai -600 101

## SCIENCE

| Class ▶ | VII | Section ▶ | | Date ▶ | |
| Name ▶ | | | | Roll No. ▶ | |

### PHYSICS

1. A bird flies with a maximum speed of 320 Km/hr. Calculate its speed in m/s.

2. A bus takes 30 minutes to travel a distance of 25 Km. Calculate the speed of the bus in Km/hr?

   Classify the following as rectilinear , circular, oscillatory or periodic.
   a) Motion of your hands while running.
   b) Motion of a train on a straight bridge.

3. c) Motion of child on a see saw.
   d) Motion of soldiers in a march past

   Motion of a train on a straight bridge

4. A car is running at a speed of 60 Km/hr and takes 2 hrs to reach its destination. Calculate the distance travelled by the car.

### CHEMISTRY

**Balance the following equations:**

a   $P + O_2 \rightarrow P_2O_5$

b   $KNO_3 \rightarrow KNO_2 + O_2$

c   $Fe(OH)_3 + H_2SO_4 \rightarrow Fe_2(SO_4)_3 + H_2O$

d   $Fe + O_2 \rightarrow Fe_2O_3$

e   $Ca(OH)_2 + HCl \rightarrow CaCl_2 + H_2O$

### BIOLOGY

**Answer the following:**

1 Name the different types of tissues present in the animals.
2 Write the importance of different types of muscular tissues in our body.
3 Draw and explain the structure of the nerve cell.
4 Differentiate between xylem and phloem.
5 Explain the different types of simple permanent tissue.