

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.
 - c) Motion of child on a see saw.
 - d) Motion of soldiers in a march pastMotion 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.