

## SCIENCE WORKSHEET CLASS VII

### MOTION AND TIME

#### 1) Give one word answers for the following

- a) Time taken to complete one oscillation.
- b) A metre fitted in vehicle to measure the speed.
- c) Change in the position of a body with time.
- d) Motion which repeats at equal intervals of time.

#### 2) Name the SI units for the following.

- a) Length.
- b) Mass.
- c) Time.
- d) Temperature.

#### 3) Answer the following questions.

- a) How many seconds are there in one minute and one hour?
- b) Name two types of clocks used in earlier times.
- c) Differentiate between uniform and non uniform motion.

#### 4) Solve the following numericals

- a) A snail covers 1 metre in 10 seconds. What is the speed of the snail in km/hr?
- b) A boy jogs 10 metres in 5 seconds. What is his speed? How far would he travel in 100 seconds?

#### 5) The following table gives you some data about four runners. Answer the questions based on the data.

Name	Distance (m)	Time taken (s)
Abhay	60	10
Arun	25	5
Anish	40	4
Adam	100	20

- a) Who ran the fastest?
- b) Who ran the farthest?
- c) Who all ran at the same speed?