# BISHOP GEORGE SCHOOL AND COLLEGE

## II$^{ND}$ TERM

### WORKSHEET NO. :- 01

CLASS :- VII$^{th}$

SUBJECT :- MATHS

DATE :- 06/09/21

PART - I

CHAPTER :- SPEED, TIME AND DISTANCE

Solve the following questions :-

1) (i) convert to m/s :- (i) 72 km/h (ii) 3.6 km/h
   (ii) convert to km/h :- (i) 30 m/s (ii) 2.5 m/s

2) A Panther runs at a speed of 80 km/h. what distance will it cover in 90 minutes?

3) A car covers 200 km in $4\frac{1}{2}$ h and then another 240 km in $3\frac{1}{2}$ h. Find its average speed?

4) A train covers the first 160 km of a journey at 40 km/h, the next 180 km at 45 km/h, and the last 200 km at 50 km/h. Find (i) the total time it takes to complete the journey and (ii) the average speed of the train during the whole journey.

5) A train covers a distance of 670 km in 6h 5min. If it covers the first 390 km of the journey at 90 km/h, find its speed for the rest of the journey.

6) A bus travelling at 42 km/h covers a distance in 5h. How much time would it save if it increased its speed by 8 km/h.