Educonclave

Maths (Class VI)

We the travellers – 1 (Test)

25 marks (45 mins)

MCQs (1m each)

1. Which formula is correct?
   a) Speed = Distance ÷ Time
   b) Time = Speed ÷ Distance
   c) Distance = Time ÷ Speed
   d) Speed = Time × Distance

2. A bus covers 180 km in 3 h. Speed =
   a) 50 km/h b) 55 km/h c) 60 km/h d) 65 km/h

3. Distance = Speed × _____.
   a) Hour b) Time c) Distance d) Journey

Assertion–Reason (1m each)

4. A: Speed tells us how fast or slow an object moves.
   R: Speed is measured as time ÷ distance.

5. A: If time is fixed, more speed = more distance.
   R: Distance = Speed × Time.

Case Study (4m)

A train covers 300 km in 5 h.

a) What is its speed?

b) How much distance in 8 h?

c) If speed increased to 70 km/h, how much distance in 5 h?

d) Write one reason why trains are a faster travel option.

2-Mark Questions

6. A car covers 200 km in 4 h. Find speed.

7. Write two points about importance of speed in travel.

8. A train leaves at 8:30 am and reaches at 12:00 noon. Find travel time.

3-Mark Questions

9. A bus leaves at 7:45 am and reaches at 10:30 am. Find time taken.

10. Write three advantages of faster travel.

4-Mark Question

11. A bus covers 480 km in 8 h. Find speed. How long for 600 km? Draw a diagram of the bus.