# St. Andrews Scots School

Adjacent Navniti Apartment, Patparganj, Delhi – 110092
Class VII(Session: 2026-2027)
Worksheet-8

Subject: Science Chapter: 8 (Measurment of time and motion)

**Q.1. Define these terms:**

a) Sundial
b) Speed
c) Motion
d) Pendulum

**Q.2. Fill in the blanks:**

a) A _____is an instrument on a vehicles dashboard that shows its speed at given moment.
b) An _____ is an instrument that records the total distance travelled by a vehicle.
c) If a car travels a distance of 120 km in 2 hours, it's calculated speed is _____.
d) Average speed = _____.
e) The frequency of pendulum is measured in_____.

**Q.3. One word answers:-**

a) Who built the largest sundial in the world?
b) What is the name of the world's largest sundial?
c) Which type of clocks are used in space science for the highest accuracy?
d) Which device is used in sports events to measure very short intervals of time?
e) What is the back - and - forth movement of a pendulum called?

**Q.4. Answer the following questions:**

a) Explain any three ancient time keeping devices with diagrams.
b) If a car covers 500 km at a speed of 65 km per hour, how long will it take?
c) A van moves at 75 km per hour. How much distance it will cover in 2 hours.

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