

Physical Quantities and Measurement

Sr	Questions	Answers Choice
1	Which one of the following unit is not a derived unit.	A. Kilogram B. Watt C. Newton D. Pascal
2	Four students measure the diameter of a cylinder with vernier callipers. Which of the following readings is	A. 3.4 cm B. 3.47 cm C. 3.5 cm D. 3.475 cm
3	Two rods with length 12.321 cm and 10.3 cm are placed side by side. the difference is their lengths is.	A. 2.02 cm B. 2 cm C. 2.021 cm D. 2.0 cm
4	A displacement can is used to measure.	A. Mass of liquid B. Mass of solid C. Volume of a solid D. Volume of a liquid
5	Volume of water consumed by you per day is estimated in.	A. Cubic metre B. Litre C. Millilitre D. Kilogram
6	When using a measuring cylinder one precaution to take is to.	A. Check for the zero B. Position the eye in line with the bottom of the meniscus C. Look at the meniscus from below the level of the water surface D. Take several readings by looking from more than one direction
7	Which one is a non -physical quantity.	A. Density B. Colour C. Time D. Distance
8	A light year is a unit of.	A. Light B. Time C. Speed D. Distance
9	One femtometre is equal to	A. 10^{-15} m B. 10^{15} m C. 10^{-9} m D. 10^9 m
10	The Instrument that is most suitable for measuring the thickness of a few sheets of cardboard is a.	A. Metre rule B. Micrometer screw gauge C. Measuring tape D. Vernier calipers