

## Physics 9th Class English Medium Unit 1 Online Test

Sr	Questions	Answers Choice
1	The Instrument that is most suitable for measuring the thickness of a few sheets on cardboard is a.	A. Metre rule B. Micrometer screw guage C. Mesuring tape D. Vernier calipers
2	One femtometre is equal to	A. $10^{-15}$ m B. $10^{15}$ m C. $10^{-9}$ m D. $10^9$ m
3	A light year is a unit of.	A. Light B. Time C. Speed D. Distance
4	Which one is a non -physical quantity.	A. Density B. Colour C. Time D. Distance
5	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
6	Volume of water consumed by you per day is estimated in.	A. Cubic metre B. Litre C. Millilitre D. Kilogram
7	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
8	Two rods with length 12.321 cm and 10.3 cm are placed side by side. the difference in their lengths is.	A. 2.02 cm B. 2 cm C. 2.021 cm D. 2.0 cm
9	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
10	Which one of the following unit is not a derived unit.	A. Kilogram B. Watt C. Newton D. Pascal
11	amount of substance in terms of numbers is measured in	A. Gram B. Mole C. Kilogram D. Newton
12	Which of the following is a base unit.	A. Mole B. Pascal C. Coulomb D. meter per second
13	0.2 mm in units of meters is.	A. $2 \times 10^4$ m B. 0.0002 m C. 0.002 m D. None of these
14	The number of significant figures in 0.00650 s are	A. 2 B. 3 C. 5 D. 6
	In a vernier Calipers ten smallest divisions of the Vernier scale are equal to nine smallest	A. 0.05 mm B. - C. - D. -

15	divisions of the main scale. If the smallest divisions of the main scale is half millimeter, the Vernier constant is equal to.	B. 0.5 mm C. 0.1 mm D. 0.001 mm
16	Which of the following numbers show 4 significant digits.	A. 9000.8 B. 4 C. 0.001248 D. 5174.00
17	The numbers having one significance digit is.	A. 6.0 B. 1.1 C. $6 \times 10^2$ D. 7.1
18	Which of following prefeix represents largest value.	A. Pico B. Peta C. Mega D. Kilo
19	Ratio of millimeter to micrometer is	A. 1000 m B. 0.001 meter C. 1000 D. 0.001
20	Micro meter can be used to measure.	A. Current B. Length C. Force D. Mass
21	Least count of scew gauge is 0.01 mm. If main scale reading of screw guage is zero and third line of its circular scale conscides with datum line then the measurement on the screw guage is.	A. 0.03mm B. 3 mm C. 0.3mm D. 0.1 mm
22	The instrument best measures the internal diameter of a pipe is.	A. Screw gauge B. Metre rule C. Vernier caliper D. Measuring tape