

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Which one of the following is not a base unit:	A. Ampere B. Kelvin C. Watt D. candela
2	Mole is a unit of measuring:	A. amount substance B. Intensity of light C. Amount of current D. Mass
3	The average time the Earth takes to make exactly one rotation abut its axis is defined as:	A. A solar hour B. A solar day C. A light year D. A solar month
4	Conversion of 10 ⁻⁶ micro-centimeter in meters is:	A. 10 ⁻¹² B. 10 ⁻¹⁴ C. 10 ⁻² D. 10 ⁻¹⁰
5	Which quantity has different dimension.	A. work B. Pressure C. Energy D. Torque
6	Unit of spring constant is:	A. Newton per meter B. Kg-Sec ⁻² C. J-m ⁻² D. All of these E. None of these
7	Physics deal with the study of	A. Matter B. Energy C. Both of them D. Human body
8	Addition of 2.189 kg, 0.089 kg, 11.8 kg and 5.32 kg give the rounded off answer as:	A. 19.398 B. 19.400 C. 19.4 D. 19.3
9	Example of physical quantities are:	A. Length B. Colour C. Effect of music D. All of these
10	The average time the Earth takes to make exactly one rotation about its axis is defined as:	A. A solar hour B. A solar day C. A light year D. A solar month
11	Significant figures in 5432 are:	A. Two B. Three C. Four D. Five
12	Pascal is a unit of:	A. Power B. Pressure C. Magnetic field D. Intensity of sound
13	One metre has nanometer and one nanometer has meter.	A. 10 ⁵ ,10 ⁵ B. 10 ⁹ ,10 ^{- 9} C. 10 ⁻⁹ ,10 ⁹ D. 10 ⁵ ,10 ⁵
14	Significant figures in 0.0010are:	A. Four B. Three C. Two D. One
15	The amount of substance is measured in:	A. Kilogram B. Litre C. Mole

		D. Both A and C
	The time interval of 6.3×10^7 second is equal to:	A. 4 days B. 3 months C. 2 years D. One light year
	One kilogram is actually mass of platinum iridium alloy cylinder kept at international bureau of weights and measures in france. the ratio of platinum and iridium:	A. 90% :10% B. 10% : 90% C. 50% : 50% D. 60% : 40%
3	Absolute uncertainty in a measuring instrument is equal to:	A. Percentage uncertainty B. Least count C. Accuracy D. Fractional uncertainly
9	The prefix micro represents the th part of a quantity:	A. 10 ¹² B. 10 ⁶ C. 10 ⁻⁶ D. 10 ⁻²
)	The dimension [M ^O L ^O T ⁻¹] refer to physical quantity:	A. Velocity B. Time period C. Frequency D. Force