

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	0.0001210 has _____ significant figures.	A. Four B. three C. Seven D. Eight
2	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
3	Mole is a unit of measuring:	A. amount substance B. Intensity of light C. Amount of current D. Mass
4	Example of physical quantities are:	A. Length B. Colour C. Effect of music D. All of these
5	The dimension of modulus of elasticity is:	A. Different from that of coefficient of viscosity B. The same as that of pressure C. the same as that of coefficient of viscosity D. Both A and B E. Both A and C
6	Planck constant has SI unit of J-Second. Its dimension will be:	A. $[ML^2T^{-2}]$ B. $[ML^2T^{-1}]$ C. $[M^2LT^{-1}]$ D. $[ML^{-2}T^{-2}]$
7	The quantity having dimension of ML^2T^{-2} will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
8	Pascal is a unit of:	A. Power B. Pressure C. Magnetic field D. Intensity of sound
9	Significant figures in 1.0011000 are:	A. Eight B. Seven C. Six D. Five
10	Time taken by light from Sun to reach Earth is	A. 500 seconds B. 800 seconds C. 400 seconds D. 700 seconds
11	Which of the following is not a base unit:	A. Square meter B. Cubic meter C. Candela D. All of these
12	significant figures in 2.00×10^{-9} are:	A. Four B. Three C. Two D. One
13	Addition of 2.2 kg, 10.2 grams and 10.01 grams gives the rounded off answer as:	A. 19.398 B. 19.400 C. 19.4 D. 19.3
14	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto

15	The ratio of platinum and iridium is:	A. 90% :10% B. 10% : 90% C. 50% : 50% D. 60% :40%
16	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
17	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
18	In man solar day, the number of seconds are:	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
19	Significant figures in 0.0010are:	A. Four B. Three C. Two D. One
20	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