

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	significant figures in 2.00x 10 ⁻⁹ are:	A. Four B. Three C. Two D. One
2	The branch of physics which is mainly concerned with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astro physics
3	The dimension [M ^O L ^O T ⁻¹] refer to physical quantity:	A. Velocity B. Time period C. Frequency D. Force
4	0.0001210 has significant figures.	A. Four B. Three C. Seven D. Eight
5	The amount of a substance is measured in:	A. Kilogram B. Litre C. Mole D. Both A and C
6	Significant figures in 1.0 x10 ⁻³ are	A. Five B. Four C. Two D. Three
7	In mean solar day, the number of seconds are	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
8	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
9	Colomb is defined as:	A. Amp-Sec ⁻¹ B. Amp-Sec C. Amp-m
10	The number of base units in SI are:	A. Four B. Five C. Six D. Seven
11	The quantity having dimension of ML ² T ⁻² will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
12	The maximum possible error in the reading of an instrument is its least count.	A. Half of B. Quarter of C. Equal to D. Double than
13	Dimensions are same for:	A. Wavelength and amplitude B. Inertia and moment of inertia C. Frequency and angular velocity D. Both A and B E. Both A and C
14	Which one of the following is not a base unit.	A. Ampere B. Kelven C. Watt D. Candela
15	The ratio of platinum and iridium is:	A. 90%:10% B. 10%: 90% C. 50%: 50% D. 60%:40%

16	In the equation vf ² -vi ² =2as, the dimension of 2as is:	A. [LT ⁻²] B. [LT ⁻¹] C. [L] D. [L ² T ⁻²
17	From sand, we get a material used for construction of computer chips. That material is:	A. Germanium B. Silicon C. Copper D. Lead
18	Example of physical quantities are:	A. Length B. Colour C. Effect of music D. All of these
19	Time taken by light from Sun to reach Earth is	A. 500 seconds B. 800 seconds C. 400 seconds D. 700 seconds
20	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided