

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Pascal is a unit of:	A. Power B. Pressure C. Magnetic field D. Intensity of sound
2	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
3	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
4	Significant figures in 1.0×10^{-3} are:	A. Two B. Three C. Four D. Five
5	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
6	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
7	Supplementary unit/s in SI units is/are:	A. Radian B. Steradian C. Degree D. Only a and b E. all of these
8	Significant figures in 1.0011000 are:	A. Eight B. Seven C. Six D. Five
9	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
10	The dimension $[M^0L^0T^{-1}]$ refer to physical quantity:	A. Velocity B. Time period C. Frequency D. Force
11	Significant figures in 5432 are:	A. Two B. Three C. Four D. Five
12	Light year is unit of	A. Time B. Distance C. Velocity D. Intensity of light
13	Colomb is defined as:	A. Amp-Sec ⁻¹ B. Amp-Sec C. Amp-m
14	Significant figures in 2.00×10^{-9} is:	A. Four B. Three C. Two D. One

15	For multiplication and division purposes, percentage uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
16	Unit of solid angle is called:	A. Radian B. Degree C. Steradian D. Angstrom
17	Which quantity has different dimension.	A. work B. Pressure C. Energy D. Torque
18	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
19	The SI unit of volume is:	A. Litre B. cm^3 C. m^3 D. Both a and c
20	The unit which is bases on one or more base units is called:	A. SI unit B. Derived unit C. Unit vector D. Base unit