MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	The ratio of platinum and iridium is:	A. 90% :10% B. 10% : 90% C. 50% : 50% D. 60% :40%
2	From sand, we get a material used for construction of computer chips. That material is:	A. Germanium B. Silicon C. Copper D. Lead
3	The dimensions MLT^{-2} refer to the physical quantity.	A. Torque B. Force C. Mass D. Acceleration
4	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
5	Supplementary unit/s in SI units is/are:	A. Radian B. Steradian C. Degree D. Only a and b E. all of these
6	Significant figures in 2.00×10^{-9} is:	A. Four B. Three C. Two D. One
7	Significant figures in 0.0010are:	A. Four B. Three C. Two D. One
8	Significant figures in 1.0011000 are:	A. Eight B. Seven C. Six D. Five
9	Light year is unit of	A. Time B. Distance C. Velocity D. Intensity of light
10	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
11	Which quantity has different dimension.	A. work B. Pressure C. Energy D. Torque
12	Conversion of 10^4 micro-centimeter in meters is	A. 10⁻¹² B. 10⁻¹⁴ C. 10⁻¹⁰ D. 10⁻²
13	Colomb is defined as:	A. Amp-Sec⁻¹ B. Amp-Sec C. Amp-m
14	The quantity having dimension of ML^2T^{-2}will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
15	Which one of the following is not a base unit.	A. Ampere B. Kelven C. Watt D. Candela

16	Pascal is a unit of:	A. Power B. Pressure C. Magnetic field D. Intensity of sound
17	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
18	The amount of a substance is measured in:	A. Kilogram B. Litre C. Mole D. Both A and C
19	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
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