MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
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	The quantity having dimension of ML^2T^{-2} will have SI unit of:	A. Watt B. Newton C. Joule D. Metre
4	The dimensions MLT^{-2} refer to the physical quantity.	A. Torque B. Force C. Mass D. Acceleration
5	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%
6	The length and width of a rectangular plate are measured to be 15.3 cm, and 12.80 cm, respectively the area of plate is:	A. 195.84 B. 195.8 C. 195 D. any of these
7	Significant figures in 2.00×10^{-9} is:	A. Four B. Three C. Two D. One
8	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
9	The SI unit of volume is:	A. Litre B. cm^3 C. m^3 D. Both a and c
10	Significant figures in 1.0011000 are:	A. Eight B. Seven C. Six D. Five
11	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
12	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
13	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
14	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
		A. 90% :10%

15	The ratio of platinum and iridium is:	B. 10% : 90% C. 50% : 50% D. 60% :40%
16	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. $[ML^{-2}T^{-2}]$
17	Conversion of 10^4 micro-centimeter in meters is	A. 10^{-12} B. 10^{-14} C. 10^{-10} D. 10^{-2}
18	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
19	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
20	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five