

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Which quantity had different dimensions:	A. Work B. Pressure C. Energy D. Torque
2	The amount of substance is measured in:	A. Kilogram B. Litre C. Mole D. Both A and C
3	The prefix micro represents the _____ th part of a quantity:	A. 10^{12} B. 10^6 C. 10^{-6} D. 10^{-2}
4	Significant figures in 5432 are:	A. Two B. Three C. Four D. Five
5	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
6	One metre has _____ nanometer and one nanometer has ____ meter.	A. 10^5 , 10^5 B. 10^9 , 10^{-9} C. 10^{-9} , 10^9 D. 10^5 , 10^{-5}
7	From sand, we get a material used for construction of computer chips. That material is:	A. Germanium B. Silicon C. Copper D. Lead
8	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
9	To find the uncertainty in the time period of a vibrating body, the least count of the timing device is _____ number of vibrations.	A. Added into B. Subtracted from C. Multiplied by D. Divided by
10	Light year is unit of	A. Time B. Distance C. Velocity D. Intensity of light
11	For multiplication and division purposes, percentage uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
12	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
13	Significant figures in 1.0×10^{-3} are	A. Five B. Four C. Two D. Three
14	Absolute uncertainty in a measuring instrument is equal to:	A. Percentage uncertainty B. Least count C. Accuracy D. Fractional uncertainty
15	Which of the following is not a base unit:	A. Square meter B. Cubic meter C. Candela D. All of them

		D. All of these
16	0.0001210 has _____ significant figures.	A. Four B. three C. Seven D. Eight
17	In mean solar day, the number of seconds are	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
18	Which quantity has different dimension.	A. work B. Pressure C. Energy D. Torque
19	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
20	Which of the following is/are base unit/s:	A. Square meter B. Cubic meter C. Candela D. all of them