

## MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
2	Significant figures in $2.00 \times 10^{-9}$ is:	A. Four B. Three C. Two D. One
3	In man solar day, the number of seconds are:	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
4	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
5	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. AtSpectro scpe
6	From sand, we get a material used for construction of computer chips. That material is:	A. Germanium B. Silicon C. Copper D. Lead
7	Which quantity has different dimension.	A. work B. Pressure C. Energy D. Torque
8	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
9	SI Unit of absolute temperature is:	A. Celsius B. Kelven C. Centigrade D. Both A and C
10	Physics deal with the study of	A. Matter B. Energy C. Both of them D. Human body
11	Steradian is the angle subtended at the centre of the _____	A. Circle B. Sphere C. any of these D. square
12	Significant figures in 5432 are:	A. Two B. Three C. Four D. Five
13	Moment of inertia is a _____ quantity having unit of _____	A. Scalar $\text{kg} \cdot \text{m}^2$ B. vector $\text{kg} \cdot \text{m}^2$ C. scalar $\text{kg} \cdot \text{m}^2/\text{sec}$ D. none of these
14	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
15	Conversion of $10^4$ micro-centimeter in meters is	A. $10^{-12}$ B. $10^{-14}$ C. $10^{-10}$ D. $10^{-8}$

		D. $10^{-2}$
16	Pascal is a unit of:	A. Power B. Pressure C. Magnetic field D. Intensity of sound
17	The SI unit of volume is:	A. Litre B. $\text{cm}^3$ C. $\text{m}^3$ D. Both a and c
18	Supplementary unit/s in SI units is/are:	A. Radian B. Steradian C. Degree D. Only a and b E. all of these
19	Unit of solid angle is called:	A. Radian B. Degree C. Steradian D. Angstrom
20	In mean solar day, the number of seconds are	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds