

MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Physics deal with the study of	A. Matter B. Energy C. Both of them D. Human body
2	The unit which is based on one or more base units is called	A. SI Unit B. Derived unit C. Unit vector D. Base unit
3	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
4	Light year is unit of	A. Time B. Distance C. Velocity D. Intensity of light
5	Steradian is the angle subtended at the centre of the_____	A. Circle B. Sphere C. any of these D. square
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	Significant figures in 2.00×10^{-9} is:	A. Four B. Three C. Two D. One
8	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
9	The SI unit of volume is:	A. Litre B. cm^3 C. m^3 D. Both a and c
10	Significant figures in 1.0×10^{-3} are	A. Five B. Four C. Two D. Three
11	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
12	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
13	Which one of the following is not a base unit:	A. Ampere B. Kelvin C. Watt D. candela
14	Supplementary unit/s in SI units is/are:	A. Radian B. Steradian C. Degree D. Only a and b E. all of these
15	The quantity having dimension of ML^2T^{-2} will have SI unit of:	A. Watt B. Newton C. Joule D. None

16 In mean solar day, the number of seconds are
A. 24 seconds
B. 1440 seconds
C. 86400 seconds
D. 3600 seconds

17 The length of a line was measured with a metre scale of least count =1 mm by for students. The correct reading will be:
A. 0.5426 m
B. 0.542 m
C. 0.54 m
D. 0.5 m

18 Significant figures in 0.2020 are:
A. Two
B. Three
C. Four
D. Five

19 Conversion of 10^{-6} micro-centimeter in meters is:
A. 10^{-12}
B. 10^{-14}
C. 10^{-2}
D. 10^{-10}

20 Uncertainty is of following type/types:
A. Absolute
B. Fractional
C. Percentage
D. All of these
