

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 2.00×10^{-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 scope
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. Kelvin 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 kg m^2 B. vector $\text{kg}\cdot\text{m}^2$ C. scalar kg m^2 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}

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. cm^3
- C. 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