

## MDCAT Physics Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	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
2	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multiplied D. Divided
3	Significant figures in $1.0 \times 10^{-3}$ are:	A. Two B. Three C. Four D. Five
4	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. AlSpectro scpe
5	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
6	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
7	significant figures in $2.00 \times 10^{-9}$ are:	A. Four B. Three C. Two D. One
8	The SI unit of volume is:	A. Litre B. $\text{cm}^3$ C. $\text{m}^3$ D. Both a and c
9	The amount of a substance is measured in:	A. Kilogram B. Litre C. Mole D. Both A and C
10	In man solar day, the number of seconds are:	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
11	0.0001210 has _____ significant figures.	A. Four B. three C. Seven D. Eight
12	In mean solar day, the number of seconds are	A. 24 seconds B. 1440 seconds C. 86400 seconds D. 3600 seconds
13	Which of the following is not a base unit:	A. Square meter B. Cubic meter C. Candela D. All of these
14	The number of base units in SI are:	A. Four B. Five C. Six D. Seven
15	Addition of 2.2 kg, 10.2 grams and 10.01 grams gives the rounded off answer as:	A. 2.22003 kg B. 2.22 kg C. 2.2 kg D. 2.2003 kg

16 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

17 Unit of solid angle is called:  
A. Radian  
B. Degree  
**C. Steradian**  
D. Angstrom

18 Significant figures in 5432 are  
A. Two  
B. Three  
**C. Four**  
D. Five

19 0.0001210 has \_\_\_\_\_ significant figures.  
A. Four  
B. Three  
C. Seven  
**D. Eight**

20 Which one of the following is not a base unit:  
A. Ampere  
B. Kelvin  
**C. Watt**  
D. candela