

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	Moment of inertia is a quantity having unit of	A. Scalar kg -m ² B. vector kg-m ² C. scalar kg m ² /sec D. none of these
3	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
4	Time taken by light from Sun to reach Earth is	A. 500 seconds B. 800 seconds C. 400 seconds D. 700 seconds
5	The maximum possible error in the reading of an instrument is its least count.	A. Half of B. Quarter of C. Equal to D. Double than
6	Addition of 2.2 kg. 10.2 grams and 10.01 grams gives the rounded of answer as:	A. 2.22003 kg B. 2.22 kg C. 2.2 kg D. 2 kg
7	The SI unit of volume is:	A. Litre B. cm ³ C. m ³ D. Both a and c
8	Significant figures in 0.2020 are	A. Two B. Three C. Four D. Five
9	Absolute uncertainty in a measuring instrument is equal to:	A. Percentage uncertainty B. Least count C. Accuracy D. Fractional uncertainly
10	The prefix micro represents the th part of a quantity:	A. 10 ¹² B. 10 ⁶ C. 10 ⁻⁶ D. 10 ⁻²
11	Conversion of 10 ⁴ micro-centimeter in meters is	A. 10 ⁻¹² B. 10 ⁻¹⁴ C. 10 ⁻¹⁰ D. 10 ⁻²
12	Significant figures in 0.0010are:	A. Four B. Three C. Two D. One
13	The dimension [M ^O L ^O T ⁻¹] refer to physical quantity:	A. Velocity B. Time period C. Frequency D. Force
14	The branch of physics which is mainly concerned with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astro physics
15	Unit of solid angle is called:	A. Radian B. Degree C. Steradian D. Angstrom

16	All of the following have been expressed in proper units except:	A. Energy = kg m sec ⁻²² C. Area = m ² D. density = kg - m ³
17	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
18	Significant figures in 2.00 x 10 ⁻⁹ is:	A. Four B. Three C. Two D. One
19	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
20	The ratio of platinum and iridium is:	A. 90% :10% B. 10% : 90% C. 50% : 50% D. 60% :40%