Physics ICS Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The value 56.8546 cna be rounded off up to three signficant figures.	A. 56.8 B. 56.9 C. 56.7 D. 56.86
2	One ligh year is equal to in meteres.	A. 9.5 x 10¹⁵ B. 9.5 x 10⁻¹⁵ C. 3.1 x 102 D. 3.1 x 10⁻⁸
3	SI Unit of force	A. Newton B. Dyne C. Joule D. Watt
4	Uncertainty may occur due to	A. Limitatio of an insturement B. Personal negligance C. Natural variance of the boject D. All of the above
5	Physical quantites are oftern divided into.	A. two categories B. Three categories C. Four Categories D. Five categories
6	SI Unit of angular velocity are.	A. ms -1 B. rad s-1 C. cm s-1 D. cm s-2
7	The answer to appropriate precison for the substaaction (1.126-0.97268) is.	A. 0.15 B. 0.153 C. 0.1533 D. 0.15332
8	Identify whcih pari fromt he following does not have identical dimension.	A. Work and torque B. Moment ofinertial and moment of force C. Angular momentum and Planck's constant D. Ipulse and momentum
9	The sum of three numbers, 2.7543, 4.10 and 1.273, up -to corrent decimal place is	A. 8.13 B. 8.12 C. 8.1273 D. 8.127
10	One kilo mean	A. 10³ B. 10⁻³ C. 10² D. 10⁴
11	Dimension of relation mc2 are equal to dimension of.	A. Force B. energy C. Torque D. Momentum
12	The purpose of stdy and discovereties in Physics in.	A. The porbling of interstatllar sThe betterment of mankingpaces B. The bettermetne of mankind C. The developemt of destructive echnology in warfare D. Developemt in aesthetics for the world
13	The numebr of significant figures in the measrued mass 2500.0 kg is	A. Two B. Three C. Four D. Five
14	How many significant figures are in the measurement 0.004500 kg?	A. 3 B. 4

14	How many significant figures are in the measurement 0.00100 kg?	C. 5 D. 6
15	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
16	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
17	SI Unit of electric current.	A. Mole B. Candela C. Ampere D. Microampere
18	The number of significant figures of a measureent are define das.	A. They reflect the accuracy of the observation in a measurement B. They are teh figures which are reasonably reliable C. They are the accurately known digits and the first doubtful digit of measurement D. All of the above
19	The dimensions of momentum are:	A. $[MLT^{-1}]$ B. $[ML^{2}T^{-2}]$ C. $[MLT^{-2}]$ D. $[ML^{2}T^{-1}]$
20	For total acssessment of uncertinty in the final result obtained by multiplication and division	A. Absolut euncetainties are added B. Uncertainties are multiplied C. %age uncertainties are added D. Erros are added