Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The numebr of significant figures in the measrued mass 2500.0 kg is	A. Two B. Three C. Four D. Five
2	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision D. More % error
3	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
4	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
5	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
6	The time taken by the light to reach from sun to earth is.	A. 1 min - 20 sec B. 1 min -40 sec C. 9min -20sec D. 8 min - 20 sec
7	The percentage uncertainty in measurement of mass and velocity are 2% and 3% , the maxium uncertainty in the measurement of kinetic energy is.	A. 85% B. 11% C. 6% D. 1%
8	Dimensions of viscosity are.	A. [ML-1T] B. [ML-1T-1] C. [ML-1T-2] D. [ML2T-1]
9	The scientific notation of numebr 0.0023 is expressed.	A. 2.3 x 10⁻³ B. 0.2.3 x 10⁻³ C. 2.3 x 10⁻⁴ D. 02.3 x 10⁴
10	The least count of aninstrument determines	A. Precision of a measurment B. Accuracy of a measurement C. Factinal uncertainty of a measuremnet D. Percentage uncertainty of a measurement
11	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
12	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
		A. The porbling of interstatllar

13	The purpose of stdy and discovereties in Physics in.	s I he betterment of mankingpaces B. The bettermetne of mankind C. The developemt of destructive echnology in warfare D. Developemt in aesthetics for the world
14	Dimension of relation mc2 are equal to dimension of.	A. Force B. energy C. Torque D. Momentum
15	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
16	SI Unit of electric current.	A. Mole B. Candela C. Ampere D. Microampere
17	The dimensions of angula momentum are.	A. [ML2T-1] B. [MLT-2] C. [MLT1] D. [ML2T-2]
18	When adding or subtracting physical quantities, the absolute uncertainty in the final result is found by:	A. Multiplying the individual absolute uncertainties. B. Adding the individual absolute uncertainties. C. Taking the average of the individual absolute uncertainties. D. Subtracting the smallest from the largest individual absolute uncertainty.
19	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
20	The Dimension of Power is.	A. [ML2T-2] B. [ML2T-3] C. [ML2T-1] D. [MLT-1]