Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The dimensions of angula momentum are.	A. [ML2T-1] B. [MLT-2] C. [MLT1] D. [ML2T-2]
2	Express the quantity 0.0000000000078 meters in scientific notation.	A. 7.8 x 10^{-11} m B. 7.8 x 10^{-12} m C. 7.8 x 10^{-13} m D. 7.8 x 10^{-10} m
3	[M^0 L^0T-1] Refers to.	A. Angular velocity B. Wavelength C. Time Period D. Velocity
4	SI Unit of force	A. Newton B. Dyne C. Joule D. Watt
5	Which physical quantity has the same dimensions as work?	A. Power B. Momentum C. Energy D. Force
6	When multiplying or dividing physical quantities, the fractional uncertainty in the final result is found by:	A. Subtracting the fractional uncertainties of the individual quantities. B. Multiplying the fractional uncertainties of the individual quantities. C. Adding the absolute uncertainties of the individual quantities. D. Adding the fractional uncertainties of the individual quantities.
7	SI unit is built up by how many kinds of units	A. 5 B. 7 C. 3 D. 4
8	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
9	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
10	The numebr of significant figures in the measrued mass 2500.0 kg is	A. Two B. Three C. Four D. Five
11	The most ractive metals of the periodic table are.	A. Alkali metals B. Alkaline metals C. Rare earth metals D. Coinage metals
12	Which of the following statements best describes a precise measurement?	A. It is very close to the true value of the quantity. B. It gives consistent readings when repeated under the same conditions. C. It is free from all types of errors. D. It is obtained using a sophisticated instrument.
13	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision

		D. More % error
14	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
15	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
16	When rounded off upto three significnat figures the value 6.835is written as.	A. 6.83 B. 6.84 C. 6.80 D. 6.85
17	SI Unit of intensity of light is.	A. Mole B. Candela C. Kelvin D. Ampere
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	Uncertainty may occur due to	A. Limitatio of an insturement B. Personal negligance C. Natural variance of the boject D. All of the above
20	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