Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	Uncertainty may occur due to	A. Limitatio of an insturement B. Personal negligance C. Natural variance of the boject D. All of the above
2	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
3	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
4	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
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	Dimension of relation mc2 are equal to dimension of.	A. Force B. energy C. Torque D. Momentum
7	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
8	The ratio of the dimensions of force and eenrgy is.	A. L-1 B. T-1 C. T D. L
9	The Dimension of Power is.	A. [ML2T-2] B. [ML2T-3] C. [ML2T-1] D. [MLT-1]
10	The diameter of a steel ball is measrued using a Vernier callipers and its eading is shown in the figure. whant is the diameer ofthe stell ball.	A. 1.30 cm B. 1.39 cm C. 1.40 cm D. 1.31 cm
11	One kilo mean	A. 10³ B. 10⁻³ C. 10² D. 10⁴
12	The unit of pressure in base unti is.	A. kg m-1 s-2 B. kg m-1 S2 C. kg ms-2

		D. None of above
13	SI Unit of angular velocity are.	A. ms -1 B. rad s-1 C. cm s-1 D. cm s-2
14	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
15	The dimensionally correct equation of E is.	A. mc2 B. mc C. m/c D. m2c2
16	The numebr of significant figures in the measrued mass 2500.0 kg is	A. Two B. Three C. Four D. Five
17	The prefix 'nano' represents a factor of:	A. 10^{-6} B. 10^{-9} C. 10^{-12} D. 10^{-3}
18	The most ractive metals of the periodic table are.	A. Alkali metals B. Alkaline metals C. Rare earth metals D. Coinage metals
19	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
20	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