Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	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
2	Which pair has same unit.	A. Work and energy B. Momentum and moment of inertia C. Force and torque D. Torque and power
3	Physical quantites are oftern divided into.	A. two categories B. Three categories C. Four Categories D. Five categories
4	SI Unit of force	A. Newton B. Dyne C. Joule D. Watt
5	The unit of pressure is.	A. Nm-2 B. Nm C. N2 m-1 D. N2 m
6	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision D. More % error
7	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
8	One kilo mean	A. 10³ B. 10⁻³ C. 10² D. 10⁴
9	How many significant figures are in the measurement 0.004500 kg?	A. 3 B. 4 C. 5 D. 6
10	The Diment sions of moment of inertia are	A. [ML2] B. [ML-2] C. [ML3] D. [ML]
11	Which of the following is the SI base unit for luminous intensity?	A. Ampere B. Candela C. Mole D. Kelvin
12	The prefix 'nano' represents a factor of:	A. 10^{-6} B. 10^{-9} C. 10^{-12} D. 10^{-3}
13	The ratio of the dimensions of force and eenrgy is.	A. L-1 B. T-1 C. T D. L
14	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

		D. All of the above
15	Dimensions of viscosity are.	A. [ML-1T] B. [ML-1T-1] C. [ML-1T-2] D. [ML2T-1]
16	Significant figures in 0.0004813 are	A. 4 B. 8 C. 7 D. 3
17	The dimensions of momentum are:	A. $[MLT^{-1}]$ B. $[ML^{2}T^{-2}]$ C. $[MLT^{-2}]$ D. $[ML^{2}T^{-1}]$
18	SI unit is built up by how many kinds of units	A. 5 B. 7 C. 3 D. 4
19	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
20	Dimension of relation mc2 are equal to dimension of.	A. Force B. energy C. Torque D. Momentum