

Physics ICS Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The dimensions of momentum are:	A. $[MLT^{-1}]$ B. $[ML^2T^{-2}]$ C. $[MLT^{-2}]$ D. $[ML^2T^{-1}]$
2	The unit of pressure in base unit is.	A. $\text{kg m}^{-1} \text{s}^{-2}$ B. $\text{kg m}^{-1} \text{S}^2$ C. kg ms^{-2} D. None of above
3	Significant figures in 0.0004813 are	A. 4 B. 8 C. 7 D. 3
4	Uncertainty may occur due to	A. Limitation of an instrument B. Personal negligence C. Natural variance of the object D. All of the above
5	The diameter of a steel ball is measured using a Vernier callipers and its reading is shown in the figure. What is the diameter of the steel ball.	A. 1.30 cm B. 1.39 cm C. 1.40 cm D. 1.31 cm
6	The dimensions of weight are.	A. $[MLT^{-2}]$ B. $[LT^{-1}]$ C. $[LT^{-2}]$ D. $[ML^2T]$
7	The dimensions of angular momentum are.	A. $[ML^2T^{-1}]$ B. $[MLT^{-2}]$ C. $[MLT]$ D. $[ML^2T^{-2}]$
8	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision D. More % error
9	The time taken by the light to reach from sun to earth is.	A. 1 min - 20 sec B. 1 min - 40 sec C. 9 min - 20 sec D. 8 min - 20 sec
10	The prefix 'nano' represents a factor of:	A. 10^{-6} B. 10^{-9} C. 10^{-12} D. 10^{-3}
11	SI Unit of force	A. Newton B. Dyne C. Joule D. Watt
12	The dimensions of acceleration are.	A. $[LT^{-2}]$ B. $[LT^{-2}]$ C. $[LT^{-3}]$ D. $[L^{-1}T]$
13	The dimensionally correct equation of E is.	A. mc^2 B. mc C. m/c D. m^2c^2
14	One centi is equal	A. 10^{-3} B. 10^{-2} C. 10^{-2} D. 10^{-6}
15	The Dimensions of moment of inertia are	A. $[ML^2]$ B. $[ML^{-2}]$ C. $[ML^3]$ D. $[ML^2T^{-1}]$

D. <p>[MLJ]</p>

16	The purpose of study and discoveries in Physics is.	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
17	The numebr of significant figures in the measrue mass 2500.0 kg is	A. Two B. Three C. Four D. Five
18	Which pair has same unit.	A. Work and energy B. Momentum and moment of inertia C. Force and torque D. Torque and power
19	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
20	The answer of the product (2.8723 x 1.6) to the appropriate numebr of significant figures is.	A. 4.6 B. 4,595 C. 4,59568 D. 4.59