Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	The Dimension of Power is.	A. [ML2T-2] B. [ML2T-3] C. [ML2T-1] D. [MLT-1]
2	The dimensions of angula momentum are.	A. [ML2T-1] B. [MLT-2] C. [MLT1] D. [ML2T-2]
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	The dimensions of momentum are:	A. $[MLT^{-1}]$ B. $[ML^{2}T^{-2}]$ C. $[MLT^{-2}]$ D. $[ML^{2}T^{-1}]$
5	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
6	SI Unit of intensity of light is.	A. Mole B. Candela C. Kelvin D. Ampere
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 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
9	Which of the following is the SI base unit for luminous intensity?	A. Ampere B. Candela C. Mole D. Kelvin
10	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
11	The ratio of the dimensions of force and eenrgy is.	A. L-1 B. T-1 C. T D. L
12	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
13	One centi is equal	A. 10-3 B. 10⁻² C. 10² D. 10⁻⁶
14	The most ractive metals of the periodic table are.	A. Alkali metals B. Alkaline metals C. Rare earth metals D. Coinage metals
15	One kilo mean	A. 10³ B. 10⁻³ C. 10² D. 10⁴

16	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
17	[M^0 L^0T-1] Refers to.	A. Angular velocity B. Wavelength C. Time Period D. Velocity
18	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
19	The length of steel pipe is in between 0.7 m to 0.8 m. Identify from the following. the appropriate instruemnt to be used for an accuracy of 0.001 m.	A. A micrometer screw gauge B. A metre rule C. A ten meteres measuring tape D. A vernier callipers
20	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