Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	Significant figures in 0.0004813 are	A. 4 B. 8 C. 7 D. 3
2	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
3	SI Unit of intensity of light is.	A. Mole B. Candela C. Kelvin D. Ampere
4	SI Unit of electric current.	A. Mole B. Candela C. Ampere D. Microampere
5	The dimensions of weight are.	A. [MLT-2] B. [LT-1] C. [LT-2] D. [ML2T]
6	When adding or subtracting physical quantities, the absolute uncertainty in the final result is found by:	A. Multiplying the individual absolute uncertainties. B. Adding the individual absolute uncertainties. C. Taking the average of the individual absolute uncertainties. D. Subtracting the smallest from the largest individual absolute uncertainty.
7	The dimensions of momentum are:	A. $[MLT^{-1}]$ B. $[ML^{2}T^{-2}]$ C. $[MLT^{-2}]$ D. $[ML^{2}T^{-1}]$
8	One centi is equal	A. 10-3 B. 10⁻² C. 10² D. 10⁻⁶
9	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
10	The dimensionally correct equation of E is.	A. mc2 B. mc C. m/c D. m2c2
11	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
12	The ratio of the dimensions of force and eenrgy is.	A. L-1 B. T-1 C. T D. L
13	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
14	Physical quantites are oftern divided into.	A. two categories B. Three categories

		C. Four Categories D. Five categories
15	Dimensions of viscosity are.	A. [ML-1T] B. [ML-1T-1] C. [ML-1T-2] D. [ML2T-1]
16	SI Unit of angular velocity are.	A. ms -1 B. rad s-1 C. cm s-1 D. cm s-2
17	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision D. More % error
18	The prefix 'nano' represents a factor of:	A. 10^{-6} B. 10^{-9} C. 10^{-12} D. 10^{-3}
19	Which pair has same unit.	A. Work and energy B. Momentum and moment of inertia C. Force and torque D. Torque and power
20	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