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 is built up by how many kinds of units	A. 5 B. 7 C. 3 D. 4
3	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
4	When rounded off upto three significnat figures the value 6.835is written as.	A. 6.83 B. 6.84 C. 6.80 D. 6.85
5	The Diment sions of moment of inertia are	A. [ML2] B. [ML-2] C. [ML3] D. [ML]
6	SI Unit of angular momentum are.	A. kg m2 s-1 B. kg ms-1 C. kg ms2 D. kg m2 s-2
7	One centi is equal	A. 10-3 B. 10^{-2} C. 10^{2} D. 10^{-6}
8	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
9	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
10	$[M^0 L^0 T-1]$ Refers to.	A. Angular velocity B. Wavelength C. Time Period D. Velocity
11	One kilo mean	A. 10^{3} B. 10^{-3} C. 10^{2} D. 10^{4}
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	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
14	The dimensions of acceleration are.	A. [LT-2] B. [LT-2] C. [LT-3] D. [L-1T]

#	Question	Options
15	A precise measurement is the one which has	A. Greater precision B. Less precision C. Medium precision D. More % error
16	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
17	SI Unit of electric current.	A. Mole B. Candela C. Ampere D. Microampere
18	The answer to the mathematical division (45.2 x 6.0) in appropriate numebr of significant figures is.	A. 7.5 B. 7.53 C. 7.533 D. 7.5333
19	The dimensions of weight are.	A. [MLT-2] B. [LT-1] C. [LT-2] D. [ML2T]
20	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