Physics Fsc Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	SI Unit of electric current.	A. Mole B. Candela C. Ampere D. Microampere
2	SI Unit of intensity of light is.	A. Mole B. Candela C. Kelvin D. Ampere
3	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
4	The dimensionally correct equation of E is.	A. mc2 B. mc C. m/c D. m2c2
5	The sum 12 kg +2.02 kg+5.1 kg accoridng to appropriate precision is	A. 19 kg B. 19.0 kg C. 19.1 kg D. 19.12 kg
6	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
7	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.
8	SI Unit of force	A. Newton B. Dyne C. Joule D. Watt
9	Which of the following is the SI base unit for luminous intensity?	A. Ampere B. Candela C. Mole D. Kelvin
10	The dimensions of acceleration are.	A. [LT-2] B. [LT-2] C. [LT-3] D. [L-1T]
11	Significant figures in 0.0004813 are	A. 4 B. 8 C. 7 D. 3
12	The Dimension of Power is.	A. [ML2T-2] B. [ML2T-3] C. [ML2T-1] D. [MLT-1]
13	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
14	Dimension of relation mc2 are equal to dimension of.	A. Force B. energy C. Torque D. Momentum

15	The Dimension of freqeuncy is	A. [T-1] B. [LT] C. [MLT] D. [LT-1]
16	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
17	Dimensions of viscosity are.	A. [ML-1T] B. [ML-1T-1] C. [ML-1T-2] D. [ML2T-1]
18	SI Unit of angular velocity are.	A. ms -1 B. rad s-1 C. cm s-1 D. cm s-2
19	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
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