ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
2	Diameter of the nucleus s of the order of	A. 10^{-10}m B. 10^{-12}m C. 10^{-15}m D. 10^{-18}m
3	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
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5	In the equation $E=mc^2$ value of c is?	A. 186000 miles per hour B. 186000 miles per sec C. 3×10^8m/sec D. Both A and C E. Both B and C
6	The quantity having dimension of ML^2T^{02} will earth is:	A. 80 sec B. 500 sec C. 1.802×10^4sec D. Aerophysics
7	The maximum possible error in the reading for a meter rod with least count 1 mm is:	A. 0.005 mm B. 0.05mm C. 0.5mm D. 5.0mm
8	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead C. Silicon D. Germanium
9	Number of supplementary units are	A. Three B. Two C. Seven D. Five
10	From sand, we get a material used for construction with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astrophysics
11	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
12	The body of physics involves	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical Changes
13	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
14	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
15	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two

16	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
17	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
18	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
19	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
20	Diameter of the atom is of the order of	A. 10^{-10} m B. 10^{-12} m C. 10^{-15} m D. 10^{-9} m