ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Diameter of the nucleus s of the order of	A. 10⁻¹⁰m B. 10⁻¹²m C. 10⁻¹⁵m D. 10⁻¹⁸m
2	Physics deals with the study of	A. Matter B. Energy C. Both of them D. Human Body
3	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
4	Which branch of physics deals with the structure and properties of solids	A. Atomic Physics B. Plasma Physics C. Molecular Physics D. Solid state physics
5	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
6	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass X volume D. Mass per length
7	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
8	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C
9	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
10	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
11	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
12	The quantity having dimension of ML^2T^{02}will earth is:	A. 80 sec B. 500 sec C. 1.802 X 10⁴sec D. Aerophysics
13	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque
14	The branch of physics which is mainly concerned with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astro physics
15	The branch of physics, which deals with the structure an properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astro physics

16	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
17	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
18	The maximum possible error in the reading of an instrument is _____ its least count.	A. Half of B. Quarter of C. Equal to D. Double than
19	Distance to nearest galaxy from earth is	A. 10¹⁰m B. 10¹⁵m C. 10⁴⁰m D. 10³⁰m
20	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art