ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque
2	1 gm-cm^{-3}is equal to:	A. 10³kg-m⁻³ B. 10⁻³kg-m⁻³ C. 1 kg-m⁻³ D. 10⁶kg-m⁻¹
3	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
4	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
5	For addition and subtraction purposes, absolute uncertainties are:	A. Added B. Subtracted C. Multipiled D. Divided
6	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
7	The branch of physics which deals with the structure and properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astrophysics
8	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
9	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
10	Relativistic mechanics is a branch of physics, which deal with the bodies moving with velocities:	A. More then c B. Approaching c C. Equal to c D. Much less than x
11	The study of physics involves?	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical changes E. None of them
12	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
13	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
14	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C

15	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than that of a proton C. Smaller than that of a proton or a neutron D. Greater than that of an atom
16	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
17	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
18	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
19	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
20	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead C. Silicon D. Germanium