ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
2	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
3	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
4	The branch of physics which concerned with the ultimate particles of which the universe is composed is known as	A. SolidState physics B. Particle Physics C. Nuclear Physics D. Atomic Physics
5	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
6	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
7	Radio telescope is used to gather information from	A. Earth B. Moon only C. Far side of the universe D. Sea water
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	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
10	At the present time, the main frontiers of fundamental science are	A. 2 B. 3 C. 4 D. 5
11	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
12	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
13	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
14	Branch of physics which deals with the study of stars and galaxies is called:	A. Solid state physics B. Astrophysics C. Molecular physics D. Chemical physics
		A. Structure of space and time

15	The body of physics involves	B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical Changes
16	Distance to nearest galaxy from earth is	A. 10¹⁰m B. 10¹⁵m C. 10⁴⁰m D. 10³⁰m
17	The mechanics, which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanic C. Quantum mechanics D. Statics
18	Number of supplementary units are	A. Three B. Two C. Seven D. Five
19	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
20	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length