Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
2	Which one is the least multiple:	A. Pico B. Femto C. Nano D. Atto
3	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
4	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
5	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
6	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
7	Electron is a particle whose mass is:	A. Greater than that of a proton B. Smaller than of a proton and greater than mass of neutron C. Smaller than that of proton or neutron D. Greater than that of an atom
8	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
9	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
10	Total number of base units are	A. Three B. Five C. Seven D. Nine
11	1 gm-cm^{-3}is equal to	A. 10³kg-m⁻³ B. 10⁻³kg-m⁻³ C. 1kg-m⁻³ D. 10⁶kg-m⁻¹
12	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
13	The mechanics, which deals with the objects moving with velocities approaching that of light is called	A. Relativistic mechanics B. Wave mechanics C. Quantum mechanics D. Statics
14	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

15	Number of supplementary units are	A. Three B. Two C. Seven D. Five
16	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
17	Addition of 2.189 kg, 0.089 kg, 11.8 kg, and 5.32 kg gives the rounded off answer as:	A. 19.398 B. 19.400 C. 19.4 D. 19.3
18	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
19	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
20	High energy physics is branch of physics, which deals with:	A. Stars and galaxies B. Sub-atomic particles C. Light and sound D. Molecules