

ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	High energy physics is branch of physics, which deals with:	A. Stars and galaxies B. Sub-atomic particles C. Light and sound D. Molecules
2	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
3	Which of the following are the units of intensity of light	A. Pois B. Lux C. Siemen D. Candela
4	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
5	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
6	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
7	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
8	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
9	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
10	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
11	The quantity having dimension of ML^2T^{-2} will earth is:	A. 80 sec B. 500 sec C. 1.802×10^4 sec D. Aerophysics
12	Which quantity has different dimension?	A. Tension B. Work C. Energy D. Torque
13	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
14	1 gm-cm^{-3} is equal to	A. 10^3 kg-m^{-3} B. $10^{-3} \text{ kg-m}^{-3}$ C. 1 kg-m^{-3} D. 10^6 kg-m^{-3}

15	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead<div> </div> C. Silicon D. Germanium
16	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
17	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
18	1 gm-cm ³ is equal to:	A. 10 ³ kg-m ⁻³ B. 10 ⁻³ kg-m ⁻³ C. 1 kg-m ⁻³ D. 10 ⁶ kg-m ⁻¹
19	Which quantity has different dimension:	A. Work B. Pressure C. Energy D. Torque
20	The machines which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanics C. Quantum D. Statics mechanics