

Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	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
2	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
3	The time taken by light to travel from moon to earth is:	A. 80 sec B. 500 sec C. 1.802 X 10 ⁴ sec D. Aerophysics
4	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
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 and properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astro physics
7	Number of supplementary units are	A. Three B. Two C. Seven D. Five
8	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
9	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
10	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
11	Dimension of mass is written as:	A. M B. [M] C. (M) D. [m]
12	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
13	Diameter of the atom is of the order of	A. 10 ⁻¹⁰ m B. 10 ⁻¹² m C. 10 ⁻¹⁵ m D. 10 ⁻⁹ m
14	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead C. Silicon D. Germanium

15	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C
16	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
17	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto
18	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
19	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
20	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One