

## Physics ECAT Pre Engineering Chapter 1 Measurement Online Test

Sr	Questions	Answers Choice
1	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass X volume D. Mass per length
2	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
3	In the equation $E=mc^2$ value of c is?	A. 186000 miles per hour B. 186000 miles per sec C. $3 \times 10^8$ m/sec D. Both A and C E. Both B and C
4	From sand, we get a material used for construction of computer chips. That material is called:	A. Copper B. Lead C. Silicon D. Germanium
5	From sand, we get a material used for construction with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astrophysics
6	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
7	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art
8	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
9	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
10	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
11	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
12	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
13	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
14	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

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The quantity having dimension of  $ML^2T^{-2}$  will earth is:

A. 80 sec

B. 500 sec

C.  $1.802 \times 10^4$  sec

D. Aerophysics