

ECAT Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Relativistic mechanics is a branch of physics, which deal with the bodies moving with velocities:	A. More then c B. Approaching c C. Equal to c D. Much less than x
2	0.0001210 has significant figures.	A. Four B. Three C. Seven D. Eight
3	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
4	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
5	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
6	Examples of physical quantities are:	A. Length B. Color C. Effect of music D. All of these
7	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
8	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
9	The branch of physics which deals with the properties of fundamental particles is called:	A. High energy physics B. Molecular physics C. Astrophysics D. Space physics
10	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
11	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
12	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
13	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}
14	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

15	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	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art
7	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scpe
8	The information from far side of the universal are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scpe
9	Total number of base units are	A. Three B. Five C. Seven D. Nine
0	In the equation E=mc ² value of c is:	A. 1,86,000 miles per hour B. 1,86,000 miles per sec C. 3 X 10 ⁸ m/sec D. Both A and C E. Both B and C