

ECAT Pre General Science Physics Chapter 1 Measurements

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	The branch of physics which is mainly concerned with the motion of bodies under the action of forces is called:	A. Optics B. Mechanics C. Thermodynamics D. Astro physics
3	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
4	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
5	The body of physics involves	A. Structure of space and time B. Interaction of electromagnetic radiation with matter C. Both of them D. Chemical Changes
6	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
7	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
8	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
9	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
10	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
11	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
12	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art
13	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. 3×10^8 m/sec D. Both A and C E. Both B and C
14	Silicon can be obtained from	A. Lead B. Uranium C. ... D. ...

		C. An isotope of oxygen D. Sand
15	For multiplication and division purposes, percentage uncertainties are:	A. Add B. subtracted C. Multiplied D. Divided
16	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
17	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro sype
18	The maximum possible error in the reading for a meter rod with least count 1 mm is:	A. 0.005 mm B. 0.05mm C. 0.5mm D. 5.0mm
19	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
20	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto