

ECAT Pre General Science Physics Chapter 1 Measurements

Sr	Questions	Answers Choice
1	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
2	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
3	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
4	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
5	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
6	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
7	Dimension of mass is written as:	A. M B. [M] C. (M) D. [m]
8	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass x volume D. Mass per length
9	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
10	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
11	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
12	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
13	In the equation $E=mc^2$ value of c is?	A. 186000 miles per hour B. 186000 miles per sec C. 3×10^8 m/sec D. Both A and C E. Both B and C
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^{-1} E. 10^3 kg-m^{-3}

15	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
16	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
17	Physics is one of the branches of:	A. Social sciences B. Physical sciences C. Biological sciences D. Abstract art
18	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
19	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
20	The information from far side of the universe are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope