

Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
2	Silicon can be obtained from:	A. Lead B. Uranium C. An isotope of oxygen D. Sand
3	Density is defined as:	A. Mass per volume B. Volume per mass C. Mass X volume D. Mass per length
4	Which quantity has different dimensions:	A. Work B. Pressure C. Energy D. Torque
5	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
6	Light year is a unit of:	A. Time B. Distance C. Velocity D. Intensity of light
7	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
8	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
9	Total number of base units are	A. Three B. Five C. Seven D. Nine
10	Uncertainty is of following type/types:	A. Absolute B. Fractional C. Percentage D. All of these
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	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
13	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark
14	The maximum possible error in the reading of an instrument is _____ its least count.	A. Half of B. Quarter of C. Equal to D. Double than
		A. Copper

15	From sand, we get a material used for construction of computer chips. That material is called:	B. Lead C. Silicon D. Germanium
16	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^3
17	Physics deals with the study of:	A. Matter B. Energy C. Both of them D. Human body
18	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
19	0.0001210 has _____ significant figures.	A. Four B. Three C. Seven D. Eight
20	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