

Physics ECAT Pre Engineering Chapter 1 Measurement

Sr	Questions	Answers Choice
1	The branch of physics, which deals with the structure and properties of solids is called:	A. Plasma physics B. Solid state physics C. Any of above D. Astro physics
2	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
3	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
4	The information from far side of the universal are gathered by:	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
5	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
6	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
7	Addition of 2.189 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
8	Number of supplementary units are	A. Three B. Two C. Seven D. Five
9	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
10	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
11	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
12	dimensions are the same for:	A. Work and energy B. Force and weight C. None of these D. Both a and b
13	Diameter of the nucleus s of the order of	A. 10^{-10} m B. 10^{-12} m C. 10^{-15} m D. 10^{-18} m
14	A dimension stands for the _____ nature of certain physical quantity.	A. super B. Quantitative C. Qualitative D. Both B and C
15	Physics deals with the study of	A. Matter B. Energy C. Both of them D. None of them

D. Human Body

16	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
17	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
18	Significant figures in 0.2020 are:	A. Two B. Three C. Four D. Five
19	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
20	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