

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	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
3	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
4	Aerodynamics is a branch of:	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
5	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
6	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
7	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
8	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
9	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
10	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
11	Branch of physics which deals with the study of stars and galaxies is called:	A. Solid state physics B. Astrophysics C. Molecular physics D. Chemical physics
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	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}
14	Number of supplementary units are	A. Three B. Two C. Seven D. Five

15	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
16	The quantity having dimension of ML^2T^{-2} will earth is:	A. 80 sec B. 500 sec C. $1.802 \times 10^4 \text{ sec}$ D. Aerophysics
17	Significant figures in 0.0010 are:	A. Four B. Three C. Two D. One
18	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
19	The time taken by light to travel from moon to earth is:	A. 80 sec B. 500 sec C. $1.802 \times 10^4 \text{ sec}$ D. Aerophysics
20	Distance to nearest galaxy from earth is	A. 10^{10} m B. 10^{15} m C. 10^{40} m D. 10^{30} m