

Physics ECAT Pre Engineering Chapter 1 Measurement

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 principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
3	The mechanics, which deals with the objects moving with velocities approaching that of light is called	A. Relativistic mechanics B. Wave mechanics C. Quantum mechanics D. Statics
4	The definite number of significant figures in 5000 is:	A. Four B. Three C. Two D. One
5	Which one of the least multiple:	A. Pico B. Femto C. Nano D. Atto
6	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
7	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
8	The error may occur due to:	A. Negligence B. Faulty apparatus C. Inappropriate method D. all of these
9	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
10	The time taken by light to travel from moon to earth is:	A. 80 sec B. 500 sec C. 1.802×10^4 sec D. Aerophysics
11	The mechanics, which deals with the objects moving with velocities approaching that of light is called:	A. Relativistic mechanics B. Wave mechanic C. Quantum mechanics D. Statics
12	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
13	From sand, we get a material used for construction of computer chips. That material is called:	A. Germanium B. Silicon C. Copper D. Lead
14	_____ dimensions are the same for:	A. Work and energy B. Force and weight C. None of these D. Both a and b
15	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Positron

D. Quark

16	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
17	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}
18	Astrophysics is a branch of physics, which deals with:	A. Sub-atomic particles B. Stars and galaxies C. Light and sound D. Music
19	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
20	Particles have the mass smallest of following is:	A. Electron B. Proton C. Neutron D. Quark