

ECAT Pre General Science Physics Chapter 1 Measurements Online Test

Sr	Questions	Answers Choice
1	Aerodynamics is a branch of	A. Hydrodynamics B. Thermodynamics C. Both of them D. Statics
2	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
3	Particles have the mass smallest of following is	A. Electron B. Proton C. Neutron D. Quark
4	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
5	Astrophysics is a branch of physics, which deals with	A. Sub-atomic B. Stars and galaxies C. Light and sound D. Music
6	The information from far side of the universe are gathered by	A. Radio telescope B. Microscope C. Telescope D. Spectro scope
7	Physics deals with the study of	A. Matter B. Energy C. Both of them D. Human Body
8	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
9	Which one is the least multiple	A. Pico B. Femto C. Nano D. Atto
10	Significant figures in 0.0010 are	A. Four B. Three C. Two D. One
11	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}
12	Light year is a unit of	A. Time B. Distance C. Velocity D. Intensity of light
13	Silicon can be obtained from	A. Lead B. Uranium C. An isotope of oxygen D. Sand
14	Which of the following are the units of intensity of light	A. Pois B. Lux C. Siemen D. Candela

15	Number of supplementary units are	A. Three B. Two C. Seven D. Five
16	Total number of base units are	A. Three B. Five C. Seven D. Nine
17	The system international (SI) is built from _____ kind of unites	A. Two B. Three C. Four D. Five
18	The principle characteristics of an ideal standard are	A. Inaccessible and Invariable B. Accessible and Invariable C. Accessible and Variable D. None of these
19	Diameter of the atom is of the order of	A. 10^{-10} m B. 10^{-12} m C. 10^{-15} m D. 10^{-9} m
20	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
21	Distance to nearest galaxy from earth is	A. 10^{10} m B. 10^{15} m C. 10^{40} m D. 10^{30} m
22	Physical quantities are often divided into _____ categories	A. 3 B. 2 C. 9 D. 5
23	Those quantities which can be measured accurately are known as	A. Physical Quantities B. Scalar Quantities C. Vector Quantities D. Non Physical Quantities
24	Which branch of physics deals with the structure and properties of solids	A. Atomic Physics B. Plasma Physics C. Molecular Physics D. Solid state physics
25	Computer chips are made from	A. Conductors B. Semiconductors C. Insulators D. Both A and B
26	The branch of physics which concerned with the ultimate particles of which the universe is composed is known as	A. SolidState physics B. Particle Physics C. Nuclear Physics D. Atomic Physics
27	The instrument used to gather information form the far side of the universe is	A. Compound microscope B. Radio telescope C. Astronomical Telescope D. Simple microscope
28	At the present time, the main frontiers of fundamental science are	A. 2 B. 3 C. 4 D. 5